

LAWRENCE W. BIERLEIN, P.C.

A standard linear barcode is located at the bottom right of the page, consisting of vertical black lines of varying widths on a white background.

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P.O. BOX 25576
1228 THIRTY-FIRST STREET, N.W.
WASHINGTON, D.C. 20007

(202) 333-9199

RECEIVED

OCT 09 1984

**REGION I
WASTE MGMT. DIVISION**

TELEX: 3725535 (GNET)

October 5, 1984

Mr. Merrill S. Hohman, Director
Waste Management Division
U.S. Environmental Protection Agency
Region I
J.F. Kennedy Federal Building
Boston, MA 02203

RCC
FACILITY Agency Health
I.D. NO. R0002010210
FILE LOC. 2010
OTHER

cc: Regional Hearing Clerk

**Re: RCRA Docket No. 84-1057;
Carroll Products, Inc.**

Dear Sirs:

On behalf of Carroll Products, Inc., I hereby submit the following Answer to the administrative compliance order, assessment of penalties, and notice of opportunity for a hearing received by the company on September 5, 1984.

We would like to note at the outset that, as of October 2, 1984 (fewer than 30 days from receipt of the RCRA Order), compliance with all aspects of the compliance order was achieved. Enclosed are copies of the letters and other information the company sent to the agency during this period to document their progress.

While making a general admission to the accuracy of the facts set forth in the complaint, we make the following comments specific to some of those findings, and ask that these matters be considered in this penalty action:

Finding 4. Prior to November 19, 1980, retention of hazardous wastes on site was not a violation of federal law. Since that time some containers that have been scheduled for discard were not moved off-site within 90-days.

The four bulk tanks on the property now are empty. Three had been empty, and a fourth held a rust/salt solid residue which since has been removed. See the enclosed handwritten notes signed by Tom Niemeyer describing the technique used to determine the nonhazardous nature of this solid residue.

Containers of materials of unknown nature were tested by Rollins International and were shipped for incineration on 9/30/84, on New Jersey manifest 0004916.

Findings 5 and 6. Carroll Products never intended to function as a hazardous waste storage facility, but only as a generator managing wastes under the 90-day accumulation period authorized for generators in the regulations. While we understand the agency's interpretation of the accumulation period regulation, to the effect that any violation voids the exception and renders the company a storage facility, the company does not consider itself or otherwise acknowledge being or having been a hazardous waste storage facility requiring a permit. At this time, there are no hazardous wastes in storage at the facility, and no permit would be required.

Finding 7. We are unable to acknowledge a specific number of containers that were in the quonset on April 3, 1984. Thirty-one (31) of those containers did not hold hazardous wastes. See attached Rhode Island manifest 12155 of 6/8/84 describing waste oil, and Rhode Island manifest 12163 of 7/23/84 describing an oil and sawdust mixture. Also please note the Massachusetts manifest dated 10/2/84 describing two shipments of 9 containers and 5 containers of non-hazardous waste.

We do not have detailed information from the April 3 visit regarding which or how many containers of hazardous waste may have been there longer than 90 days.

Findings 8 and 9. These are statements of the agencies' interpretation of law, not findings of fact, and thus should require no response from the company.

Findings 10 through 12. Carroll Products has considered itself to be a hazardous waste generator, attempting to function within the 90-day generator's accumulation period, and thus limited its notification to its generator functions and has not filed for a storage permit. At this time, all hazardous wastes have been moved off-site, and there will be no need for a future storage notification or permit application.

Enclosed please find all manifests from March 28 to October 2, 1984, documenting the removal of materials from the site.

Finding 13. Those portions of Finding 13 that relate to requirements applicable to generators operating under the 90-day accumula-

tion period are acknowledged as being applicable to Carroll Products. With regard to storage facility requirements, we reiterate it never was the intention of the company to function as a storage facility, and that at this time there are no hazardous wastes stored on the property.

Subsection (c) refers to training in hazardous waste requirements. Carroll Products' new training program has been developed, and conducted with all employees, during September. A copy of the program was sent to the agency on September 17.

Training is directed by Philip A. Fahlman, who is a chemist with his B.S. degree in chemistry from W.P.I. (Worcester Polytechnic Institute). He served as plant superintendant from September 1974 to May 1977, and then again from October 1979 to the present.

Fahlman has attended seminars in DOT hazardous materials transportation regulations, as well as EPA and Rhode Island Department of Environmental Management regulations.

He attended hazardous waste regulation seminars conducted by Lion Technology on December 16, 1981, and January 25, 1984. He also attended a Lion Technology seminar on DOT regulations on December 11, 1981.

He attended AET (Applied Environmental Technology) Corporation seminars on hazardous waste regulations on August 26, 1982, and August 22, 1984.

For seven and a half years he has worked at Carroll Products in a variety of technical and administrative capacities, including process development, analytical chemistry, regulations specialist, maintenance, supervision, engineering, and equipment operations.

Mr. Fahlman also prepared a contingency plan which was submitted to the agency and to local emergency response personnel on September 17, 1984.

Subsection (d) of Finding 13 refers to minimizing possibility of fire, explosion, and unplanned release of materials. The quonset hut area is protected from fire by sprinklers. In addition, this building is a separate free-standing structure of steel construction.

Containers of wastes stored in this area were on a concrete floor inside a cement block dike.

This portion of the finding also notes an area of the quonset hut floor surrounding a metal plate. The finding says: "All along the perimeter of the metal plate is a two-inch opening, through which, if spilled, hazardous wastes could seep into and onto the soil below." This metal plate at one time was attached to a mechanical device housed beneath it in a concrete box. The opening in the floor, therefore, went into this concrete box and did not lead to the soil.

The "Diazo Bulking" tank referenced in this finding has been removed from service and decommissioned. Although there may have been some visible indications of leaking, the tank was situated on a fully diked concrete floor.

The tank now is out of service. With regard to the residues from that tank, please see Rhode Island manifest 13154, dated 9/13/84, consigning this residual material to the DuPont Chambers Works.

Subsection (e) refers to inadequate aisle space. On the April 3 inspection date, approximately 85 drums of a spent mineral spirits, methylene chloride mixture had been moved temporarily into the aisle to prepare them for transfer to a cargo tank for disposal. See Rhode Island manifest 11655 of 4/17/84.

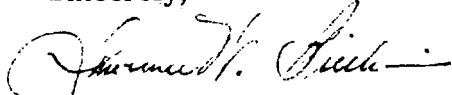
On the June 12 inspection date, 379 drums had been moved temporarily into the aisle to prepare them for disposal. See Rhode Island manifest 12156 of 6/22/84.

Subsection (f) refers to the contingency plan and its description of details of emergency equipment and the equipment's capabilities. A reply to this was mailed on September 17. More detailed information is being developed and will be transmitted when accumulated, describing the specific equipment on hand in terms of the materials with which it may be used. It does not appear that any of the emergency or absorbent equipment would be inappropriate to use with any of the wastes that have been on the site.

We will pursue settlement discussions, and particularly seek to mitigate the penalty that has been assessed, on the basis of the foregoing responses, and on the basis of the company's expeditious and

successful efforts to achieve compliance as quickly as possible upon receipt of the Order. Please contact me if there are any questions on this Answer to the Complaint.

Sincerely,



Lawrence W. Bierlein
Counsel to Carroll Products, Inc.

I hereby certify that copies of this Answer have been mailed, first class mail, postage prepaid, to:

William Walsh-Rogalski, Esq.
Tom Michel
Barry Muller
Barbary O'Toole
Sandy Crystal
Regional Hearing Clerk



Determination of Rust-Salt Mixture From # 2 Horizontal Tank

1) pH (10% aqueous solution) = 8

2) Organic Content

10.5g of mixture was dried in an air oven at 105°C for 2 hr, until reached a constant weight. After drying weight was 9.75046 g. The material was placed in a crucible in a furnace and heated to 550°C for 1 hr. It was then taken out, cooled, and weighed to be 9.75031 g. It was then charged to furnace again at 550°C for 2 hr, cooled and weighed to be 9.75031 g. From this it was determined that the organic content was essentially zero.

3) Inorganic Content

10g samples of material were dissolved in 250ml water. Using the weight of undissolved rust, the inorganic content was determined to be 5-10%.

4) Sodium Content

A sample of the material was burned over a bunsen burner, which produced an orange flame. knowing this and the use of the tank, the inorganic salt was determined to be a mixture of sodium chloride and

sodium sulfate.

Tom Niemeyer
10-4-84

DEPARTMENT OF ENVIRONMENTAL QUALITY INSPECTOR
NON-HAZARDOUS WASTE
One Vassar Street
Boston, MA 02110

MA A011951 COPY B: GENERATOR-RETAINED BY GENERATOR

R ID 00204221600095 1

Carroll Products
Ste 91, Wood River Jct, RI 02894
401 364-7731

MA A011951
SALE

SEALAND

CID 950521280

203 735-1817

SCA Chemical Services
309 Quincy Ave
Braintree, MA 02184

R AD 053452637

617 849-1800

Hazardous Waste, Solid, E.O.S.
Charl., MA 9109

019DX04750 X 002

Spent Carbon, (S)
100 ppm NaCl, RI type 9

Non-Hazardous waste (Rust-5-10% NaCl), 9 x 55 G.S.P., 3150 lb.
Non-hazardous waste (Asbestos Insul.), 5 x 40 G.P.P., 750 lb.

10-2-74

10-2-75

State of New Jersey
Department of Environmental Protection
Division of Waste Management
CN 028, Trenton, NJ 08625

Please print or type. (Form designed for use on elite (12-pitch) typewriter)

Form Approved OMB No. 2000-0404. Expires 7-31-86

UNIFORM HAZARDOUS WASTE MANIFEST		1 Generator's US EPA ID No A ID 00204221600064	Manifest	2 Page 1	Information in the shaded areas is not required by Federal law	
2 Generator's Name and Site Address Carroll Products, Rte 91, Wood River Jct., RI 02894				A State Manifest Document Number NJA 0004916		
4 Generators Phone 401 364-7731				B State Gen. ID SAME		
5 Transporter 1 Company Name S & J Transportation		6 US EPA ID Number N JD 07162991716		C State Transporter's ID SAME		
7 Transporter 2 Company Name		8 US EPA ID Number		D Transporter's Phone (609) 769-2741		
9 Designated Facility Name and Site Address Rollins Environmental Services Rte 322 Bridgeport, NJ 08014		10 US EPA ID Number H JD 053288239		E State Transporter's ID		
11 US DOT Description (Including Proper Shipping Name, Hazard Class and ID Numbers)		12 Containers No.	13 Total Quantity	14 Unit Wt. Vol.	15 Waste No	
a Waste Acetone, Flammable Liquid, UN1090		0001	DIM	0001515 G	D001	
b Hazardous Waste, Liquid, N.O.S. ORM-E, HA 9189		004	DF			
		015	DIM	01045 G	D001	
c Hazardous Waste, Solid, N.O.S. ORM-E, HA 9189		034	DIM	01080 P	D001	
d Waste Flammable Solid, N.O.S., Flammable Solid, UN 1325		003	DF	00600 P	D001	
e Waste Flammable Solid, N.O.S., Flammable Solid, UN 1325		013	DF	00650 P	D001	
L-7914, (L) RI 3A		Unknown Solid Waste, (S) L-8205, RI 3C				
Unknown Liquid Waste, (L) L-0199, RI 3C		d. Easter Bag, (S), L-7829, RI e. Sawdust (10% oil), L-8934, (S)				
15 Special Handling Instructions and Additional Information						
16 GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations and all applicable State laws and regulations						
Printed/Typed Name Tom W. Neimyer		Signature <i>Tom W. Neimyer</i>		Date 01931394		
FACILITY TRANSPORTER		Printed/Typed Name Keith Ridgway		Signature <i>Keith Ridgway</i>		
17 Transporter 1 Acknowledgment of Receipt of Materials		Printed/Typed Name		Signature		
18 Transporter 2 Acknowledgment of Receipt of Materials						
19 Discrepancy Indication Space						
20 Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in item 19						
Printed/Typed Name		Signature		Date 019313814		

HAZARDOUS WASTE MANIFEST AND SHIPPING PAPER

RI 13158

DEPARTMENT OF ENVIRONMENT

GENERATOR COMPLETES

NAME GENERATOR CARROLL PRODUCTS INC	MAILING ADDRESS PRIMARY TRANSPORTER MACDONALD WATSON INC	PHONE NUMBER (401) 364-7731 (401) 232-2800 ()	DATE SHIPPED EXPIRED DATE 9 19 84	DISPATCHER RI D 002042216 RI D 093214260			
HAZARDOUS WASTE EXPIRED NARR. IMPROVEMENT CO.	ADDRESS 223 ALLENS AVE. PROV. R.I.	DATE SHIPPED ()	DATE 9 19 84	DISPATCHER RI D 006807911			
GENERATOR CONTACT PERSON PHILIP FAHLMAN				DESCRIPTION OF WASTE AMOUNT IF WASTE IN PDS WASTE OIL and WATER			
US DOT SHIPPING NAME	DOT HAZARD CLASS	UN NO	WT VOL	DIMENS	CONTAINER	EPA WASTE ID	DESCRIPTION OF WASTE AMOUNT IF WASTE IN PDS
WASTE OIL N.O.S.	ORM-E	NA 1270	4000	GAL	Q	TR D 008	WASTE OIL and WATER
1							
2							
3							
4							
5							
6							
7							
8							
9							
FOR INFORMATION CONTACT RHODE ISLAND DEPARTMENT OF ENVIRONMENTAL MANAGEMENT 75 STATE STREET PROVIDENCE, RI 02804 401-277-1100 (401) 277-2083	SPECIAL INSTRUCTIONS IN CARRYING AND SHIPPING THIS WASTE MATERIALS						

RECORDED CABIN YES / NO	THE BELOW CERTIFIED THAT I AM THE PRIMARY TRANSPORTER AND HAVE NOT LEFT THE MATERIAL IN SHIP- MENT IN IMPROPER CONDITION FOR TRANSPORT. THE IDENTIFICATION NUMBER IS RI 13158.	SIGNATURE OF TRANSPORTER <i>James S. Tracy Jr.</i>	DATE SHIPMENT ACCEPTED MONTH: 09 / DAY: 19 / YEAR: 84	DRIVER ID: 1E 24640266	DISPATCHER MONTH: 09 / DAY: 19 / YEAR: 84	DATE OF DELIVERY MONTH: 09 / DAY: 19 / YEAR: 84
RECORDED CABIN YES / NO 1270	THIS IS TO CERTIFY THAT I AM THE CERTIFIED THAT I AM THE PRIMARY TRANSPORTER AND HAVE NOT LEFT THE MATERIAL IN SHIP- MENT IN IMPROPER CONDITION FOR TRANSPORT. THE IDENTIFICATION NUMBER IS RI 13158.	SIGNATURE OF TRANSPORTER <i>James S. Tracy Jr.</i>	DATE SHIPMENT ACCEPTED MONTH: 09 / DAY: 19 / YEAR: 84	DRIVER ID: 1E 24640266	DISPATCHER MONTH: 09 / DAY: 19 / YEAR: 84	DATE OF DELIVERY MONTH: 09 / DAY: 19 / YEAR: 84

INDICATE ANY DIFFERENCES BETWEEN MANIFEST AND SHIPMENT AND LIST REJECTED MATERIALS. INDICATE DISPOSITION OF REJECTED SHIPMENT	DISPOSITION METHOD 502
I CERTIFY THAT THE DESCRIBED WASTE(S) WAS DELIVERED BY THE ABOVE-NAMED DELIVERING TRANSPORTER AND THAT THE INFORMATION ON THE MANIFEST IS CORRECT TO THE BEST OF MY KNOWLEDGE <i>Kate J. Tracy</i>	DATE MONTH: 09 / DAY: 19 / YEAR: 84 718
	DISPOSITION METHOD 740

HAZARDOUS WASTE MANIFEST AND SHIPPING PAPER

NAME GENERATOR Carroll Products		MAILING ADDRESS Rte 91 Wood River Jet., RI 02894		PHONE NUMBER 401 364-7731		STATE/ ZIP CODE RI D 0 0 2 1 4 2 2 1 6	
PRIMARY TRANSPORTER Sealand		326 Derby Ave Derby, Conn		203 735-1817		CT D 9 8 0 5 2 1 2 8 0	
CONTINUING TRANSPORTER							
HAZARD CLASSIFICATION BCA Chemical Services		385 Quincy St. Braintree, MA 02184		DATE SHIPPED 617 849-1800		STATE EXPECTED ARRIVAL MA D 0 5 3 4 5 2 6 3 7	
GENERATOR APPROVED BY Tom Niemeyer							
US DOT SHIPPING NAME Waste Sodium Hydroxide Liquid		DOT HAZARD CLASS Corrosive 9	UN N.A. Material 1824	WT VOL 55 gal	UNITS Q	CONTAINER TYPE 001 DR	EPA WASTE NO. D902
FOR INFORMATION CONTACT RHODE ISLAND DEPARTMENT OF ENVIRONMENTAL MANAGEMENT OR ALAN TEE		RELEASER FOR TRAILER SIGNATURE OF TRANSPORTER William B. Conner		DATE SHIPMENT ACCEPTED M 13 84		STATE FOR TRAILER CT	
I CERTIFY THAT I AM THE PRIMARY TRANSPORTER AND HAVE MADE ARRANGEMENTS WITH THE CONTINUING TRANSPORTER FOR THE RETURN OF THE CONTINUING TRANSPORTER'S VEHICLE.		SIGNATURE OF TRANSPORTER William B. Conner		DATE SHIPMENT ACCEPTED M 13 84		STATE FOR TRAILER CT	
I CERTIFY THAT I AM THE CONTINUING TRANSPORTER AND HAVE MADE ARRANGEMENTS WITH THE PRIMARY TRANSPORTER FOR THE RETURN OF THE PRIMARY TRANSPORTER'S VEHICLE.		SIGNATURE OF TRANSPORTER John Hyler		DATE SHIPMENT ACCEPTED M 13 84		STATE FOR TRAILER CT	
INDICATE ANY DIFFERENCES BETWEEN MANIFEST AND SHIPMENT AND LIST REJECTED MATERIALS. INDICATE DISPOSITION OF REJECTED SHIPMENTS							
I CERTIFY THAT THE DESCRIBED WASTE(S) WAS DELIVERED BY THE ABOREMNTIONED DRIVER FROM DRIVER AND THAT THE INFORMATION IS CORRECT							

I CERTIFY THAT THE DESCRIBED WASTE(S) WAS DELIVERED BY THE AFOREMENTIONED DELIVERER FROM MY SITE AND THAT THE INFORMATION IS TRUE.

MANIFEST IS CORRECT TO THE BEST OF MY KNOWLEDGE

3. GENERATOR COMPLETE COPY

HAZARDOUS WASTE MANIFEST AND SHIPPING PAPER

RI 13155

NAME GENERAL CARRIER Carroll Products		MAILING ADDRESS Rte 91 Wood River Jct., RI 02894		TELEPHONE NUMBER 401 364-7731		STATE/ZIP CODE RI D002042216		
PRIMARY TRANSPORTER Sealand		326 Derby Ave Derby, Conn		203 735-4817		CT D980521280		
CONTINUING TRANSPORTER								
TRANSPORTER/REASSEMBLER SCA Chemical Services		385 Quincy Ave Braintree, Mass 02184		DATE SHIPPED 617 849-1800		EXPECTED ARRIVAL DATE MA D053452637		
GENERATOR/OWNER Tom Niemeyer								
US DOT SHIPPING NAME	DOT HAZARD CLASS	UN NUMBER	WT. (LB)	UNITS	WASTE CODE	UNIDENTIFIED	EPA WASTE ID	DESCRIPTION OF WASTE NO. & SOURCE IDENTIFICATION
Solid, Corrosive	Corrosive Material	1759	900	lb	P	003 DR	D002	Glass & Residual Hydrochloric Acid
Hazardous Waste,								
Solid, H.O.S.	ORM-E	9189	2100	lb	P	007 DR	F002	Silica & Carbon Trace MoC1
Hazardous Waste,								
Solid, H.O.S.	ORM-E	9189	3000	lb	P	010 DR	D001	Oily Res.-Dirt & Sp. Dry, MA-M001
Hazardous Waste,								
H.O.S.	ORM-E	9189	600	lb	P	002 DR	D001	Lab Pack-Paints List on drums
Hazardous Waste,								
Solid, H.O.S.	ORM-E	9189	300	lb	P	001 DR		Potassium Chloride
Hazardous Waste,								
Solid, H.O.S.	ORM-E	9189	2700	lb	P	004 DR		Mixed Sulfates
FOR INFORMATION CONTACT THE DEPARTMENT OF ENVIRONMENTAL MANAGEMENT 15 DAVIS STREET PROVIDENCE, RI 02903 (401) 222-2460		SPECIAL INSTRUCTIONS: If you are shipping after hours, consider switch back AND EMERGENCY RESPONSE INFORMATION						

FOR INFORMATION CONTACT

SPECIFIC INSTRUCTIONS RELATED TO THE FILING AND MAILED COPY OF THE FORMS AND FORMATTED COPY OF THE INFORMATION

RHC DEPARTMENT
OF ENVIRONMENTAL MANAGEMENT
75 DAVIS STREET
PROVIDENCE, RI 02908
344-2466-13

For a detailed and up-to-date
programmatic analysis of the
various forms of racialism
and racism, readers could look more
closely at the work of Philip Dwyer.

RE: CARE &
RE: BUDGET

SIGNATURE OF TRANSPORTER

DATE SHIPMENT AND EXP.

REFERENCES AND NOTES

Digitized by srujanika@gmail.com

PLATE 1969A, 201 B

27 Feb 99 99

271 200100

DATE OF DELIVERY

Digitized by srujanika@gmail.com

29-131 BK

8 / 23 : F

E. INDICATE ANY DIFFERENCES BETWEEN MANIFEST AND SHIPMENT AND LIST REJECTED MATERIALS. INDICATE THE QUANTITY OF REJECTED SHIPMENT.

I CERTIFY THAT THE DESCRIBED WASTELIST WAS DELIVERED BY THE AFOREMENTIONED DELIVERING TRANSPORTER TO AND THAT THE INFORMATION ON IT

MANIFESTA ZAPRÍKLADU TÝMŮ BEZ ŠÍŘE MÍSTNÉ VÝKLOPY

Frank H. Taylor

09/13/81
MONTH DAY YEAR

3. GENERATOR COMPLETE COPY

SWA-8274 A1

HAZARDOUS WASTE MANIFEST AND SHIPPING PAPER

C147 RI 13154
RI 13154
Detail Copy Addendum

GENERATOR COMPLETES

NAME CARROLL PRODUCTS INC.	MAILING ADDRESS RT. 91 WOOD RIVER JCT. R.I.	TELEPHONE NUMBER (401) 364-7731	DATE SHIPPED 09 13 84	EXPECTED ARRIVAL N.J. 002385130						
CHIEF TRANSPORTER SEALAND	ADDRESS OF WASTE FACILITY DUPONT CHAMBERS WORKS	TELEPHONE NUMBER 203 735-1817	DATE SHIPPED 09 13 84	EXPECTED ARRIVAL CT. 0980521280						
CONTINUING TRANSPORTER	ADDRESS OF WASTE FACILITY DEEPWATER, N.J.	TELEPHONE NUMBER 609 299-5000	DATE SHIPPED 09 13 84	EXPECTED ARRIVAL N.J. 002385130						
EMERGENCY CONTACT PERSON PHILIP FAHLMAN	U.S.DOT SHIPPING NAME HAZARDOUS WASTE LIQUID H.O.R.	DOT HAZARD CLASS ORM-E	UN NO NA 9189	WEIGHT 1-50000	UNITS GAL	CONTAINER G	CONTAINER 1	CONTAINER CT	CONTAINER D007	HAZARDOUS WASTE CONTAINER NUMBER 5 ppm Chrome 75 % H2O 18 % Na2SO4 7 % NaCl pH - 3.0
FOR INFORMATION CONTACT RHODE ISLAND DEPARTMENT OF ENVIRONMENTAL MANAGEMENT WASTE SHEET PROVIDENCE, RI 02808 401-782-2400 ext. 22244	SPECIFY HANDLING PROCEDURE FOR THE CONTAINER(S). CONTAINERS ARE TO BE HANDLED AS INDICATED.									
	OW-674									
	OWD 085758									

TRANSPORTER COMPLETES YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	THIS IS TO CERTIFY THAT I AM THE PRIMARY TRANSPORTER AND HAVE AUTHORIZED THE USE OF THIS DOCUMENT IN FULFILLMENT OF THE CONDITIONS FOR TRANSPORT. THE IDENTIFIED TRAILER IS THE IDENTIFIED TRAILER.	DATE SHIPMENT ARRANGED MONTH DAY YEAR 09 13 84	COMMODITY IN TRAILER ITEM NUMBER CT B4855	DATE OF DELIVERY MONTH DAY YEAR 09 13 84
TRANSPORTER COMPLETES YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	THIS IS TO CERTIFY THAT I AM THE CONTINUING TRANSPORTER AND HAVE AUTHORIZED THE DESCRIBED SHIPMENT IN FULFILLMENT OF THE TRANSPORT. THE IDENTIFIED TRAILER	DATE SHIPMENT ARRANGED MONTH DAY YEAR 9189	COMMODITY IN TRAILER ITEM NUMBER CT B4855	DATE OF DELIVERY MONTH DAY YEAR 09 13 84

INDICATE ANY DIFFERENCES BETWEEN MANIFEST AND SHIPMENT AND LIST REJECTED MATERIALS. INDICATE DISPOSITION OF REJECTED SHIPMENT	HANDLING METHOD 1 T 21 1 1 1 2 T 67 1 1 1 3 T 47 1 1 1
I CERTIFY THAT THE DESCRIBED WASTE(S) WAS DELIVERED BY THE AFOREMENTIONED DELIVERING TRANSPORTER AND THAT THE INFORMATION ON THIS MANIFEST IS CORRECT TO THE BEST OF MY KNOWLEDGE	<i>Chapman</i> 69 13 84

3. GENERATOR COMPLETE COPY

9189 401 264-9142

Chapman

HAZARDOUS WASTE MANIFEST AND SHIPPING PAPER

674-052 RI 13153

MANUFACTURED 10/1982

NAME CARROLL PRODUCTS INC.		MAILING ADDRESS Rt. 91 WOOD RIVER JCT. R.I.		TELEPHONE 401 364-7731		STATE RI		EPA NUMBER 0002042216			
PRIMARY TRANSPORTER SEALAND		CONTINUING TRANSPORTER 326 DERBY AVE. DERBY, CT.		TELEPHONE 203 735-1817		STATE CT		EPA NUMBER D980521280			
HAZARDOUS WASTE ACT ID DUPONT CHAMBERS WORKS		GENERATOR CONTACT PERSON PHILIP FAHLMAN		DATE SHIPPED 9 10 84		EXPIRED PERIOD 9 11 84		DESCRIPTION OF WASTE ADDED TO HAZARD CLASS pH-12.6			
U.S. DOT SHIPPING NAME WASHER CORROSIVE LIQUID N.O.S.		DOT HAZARD CLASS CORROSIVE MATERIAL		UN NO 1760		WT VOL 4500 GAL		CONTAINER G 001 C T D002		EPA WASTE D007	
										5 ppm Chrome	
										75% H2O	
										18% Na2SO4	
										75% NaCl	

FOR INFORMATION CONTACT
RHODE ISLAND DEPARTMENT
OF ENVIRONMENTAL MANAGEMENT
'IS DAISY'S HOME'
PROVIDENCE, RHODE ISLAND
401-467-2424

SPECIFIC HANDLING INSTRUCTIONS IN COLUMN 10 ARE NOT REQUIRED FOR THIS SHIPMENT. IF OTHER, SEE SEPARATE DOCUMENT.

OW-674

OND 085825

TRANSPORTER COMPLETE		THIS IS TO CERTIFY THAT I AM THE PRIMARY TRANSPORTER AND THAT ALL OF THE DESCRIBED SHIP- MENT IS IN PROPER CONDITION FOR TRANSPORT TO THE IDENTIFIED DESTI- NATION.		SIGNATURE OF TRANSPORTER <i>Paul P. Mantey</i>		DATE OF SIGNATURE 09 11 84		STATE CT		EPA NUMBER 84355		DATE OF DELIVERY 09 11 84	
RECIPIENT YES / NO		THIS IS TO CERTIFY THAT I AM THE CUSTODIAN TRANSPORTER AND THAT ALL OF THE DESCRIBED SHIPMENT IS IN PROPER CONDITION FOR TRANSPORT TO THE IDENTIFIED DESTI- NATION.		SIGNATURE OF TRANSPORTER 1760		DATE SHIPMENT RECEIVED 09 11 84		STATE CT		EPA NUMBER 84355		DATE OF DELIVERY 09 11 84	

INDICATE ANY DIFFERENCES BETWEEN MANIFEST AND SHIPMENT AND LIST REJECTED MATERIALS. INDICATE DISPOSITION OF REJECTED SHIPMENT

HANDLING METHODS

T31**T67****T49**

I CERTIFY THAT THE DESCRIBED WASTE(S) WAS DELIVERED BY THE AFOREMENTIONED DELIVERING TRANSPORTER AND THAT THE INFORMATION ON THIS

MANIFEST IS CORRECT TO THE BEST OF MY KNOWLEDGE.

HAZARDOUS WASTE MANIFEST AND SHIPPING PAPER

AUG 27 1984

RI 12166

GENERATOR COMPLETES

COMPLETES

COMPLETES

NAME GENERATOR CARROLL PRODUCTS INC. PRIMARY TRANSPORTER BALAND CONTINUING TRANSPORTER HAZARDOUS WASTE FACILITY DUPONT CHAMBERS WORKS CONTINUING TRANSPORTER PHILIP FAHLMAN	MAILING ADDRESS RT. 91 WOOD RIVER JCT. R.I. 326 DERBY AVE. DERBY, CT.	PHONE NUMBER 401 364-7731 203 735-1817	STATE RI CT	DOCKET NUMBER D 002 042216 D 980521280						
		DATE SHIPPED 609 299-2000	YEAR 84	EXPECTED ARRIVAL N.J. D 002 385130						
U.S.DOT SHIPPING NAME HAZARDOUS WASTE LIQUID N.O.S.		DOT HAZARD CLASS ORM B	UN/NA NO UN 9189	WT VOL 5000.0	UNITS GAL	CONTAINER CODE A	CONTAINER 001	TYPE OT	EPA WASTE ID D 007	CONTAINER OWNERSHIP ADDRESS/PHONE NUMBER 75% H2O 18% Na2SO4 7% NaCl 5 ppm Chrome pH= 4.0
FOR INFORMATION CONTACT BROOKLYN DEPARTMENT MEN'S SPECIAL DIVISION PROVIDENCE DIVISION FAX: 401-722-2050		SET IN THE SPOTLIGHT - THIS IS THE MANUFACTURER'S AND DISTRIBUTOR'S ADDRESS FOR ADDITIONAL INFORMATION 0W-674-051 0WD-085822								

PERIODIC SIGNATURE OF TRANSPORTER 9189 I CERTIFY THAT I AM THE PRIMARY TRANSPORTER AND THAT THE INFORMATION CONTAINED HEREIN IS TRUE AND ACCURATE. I FURTHER CERTIFY THAT THE SHIPPED SHIPMENT IS IN CONFORMITY WITH MANUFACTURER IDENTIFICATION NUMBER 001, THE IDENTIFICATION NUMBER ON THE IDENTIFICATION NUMBER 9189	SIGNATURE OF TRANSPORTER Michael C. Taff	DATE SHIPMENT ACCEPTED MONTH 08	YEAR 20	STATE CT	COMBINATION OF TRAILER MODEL AND COLOR 84855	DATE OF DELIVERY MONTH 08	YEAR 20	STATE CT	COMBINATION OF TRAILER MODEL AND COLOR T51
INDICATE ANY DIFFERENCES BETWEEN MANIFEST AND SHIPMENT AND LIST REJECTED MATERIAL. INDICATE DISPOSITION OF REJECTED SHIPMENT T51 T77 T77 T77									
I CERTIFY THAT THE DESCRIBED WASTE(S) WAS DELIVERED BY THE AFOREMENTIONED DELIVERING TRANSPORTER AND THAT THE INFORMATION ON THE MANIFEST IS CORRECT TO THE BEST OF MY KNOWLEDGE 14 14 14 14									

HAZARDOUS WASTE MANIFEST AND SHIPPING PAPER

RI 12165
MANIFEST NUMBER

NAME GENERATOR Carroll Products	MAILING ADDRESS Rt 91 Wood River Jct, RI 02894				PHONE NUMBER (401) 364-7731			STATE/EPA I.D. NO. RI D002042216				
PRIMARY TRANSPORTER SEALAND	326 Derby Ave Derby, Conn				(203) 735-1817			CT D980521280				
CONTINUING TRANSPORTER					()							
HAZARDOUS WASTE FACILITY SCA Chemical Services	385 Quincy Ave Braintree, Mass 02184				(617) 849-1800			MA D053452637				
GENERATOR CONTACT PERSON Tom Niemeyer					DATE SHIPPED 08 15 84	MONTH 08	DAY 15	YEAR 84	EXPECTED ARRIVAL DATE 08 15 84	MONTH 08	DAY 15	YEAR 84
U.S. DOT SHIPPING NAME	D.O.T. HAZARD CLASS	U.N. NO.	WT VOL	UNITS	UNIT CODE	CONTAINER		E.P.A. WASTE NO.	DESCRIPTION OR WASTE ANALYSIS IF WASTE IS NOS			
						NO.	TYPE					
Hazardous Waste, Liquid, N.O.S.	ORM-E	9189	330	Gal	G	006	DR	Aqueous Soda Metal Silicate, Sil. Bi.				
Hazardous Waste Solid, N.O.S.	ORM-E	9189	4700	lb	P	036	DR	Sodium Sulfate				
Hazardous Waste, Solid, N.O.S.	ORM-E	9189	5250	lb	P	022	DR	Ammon. Sulfate				
Hazardous Waste Solid, N.O.S.	ORM-E	9189	550	lb	P	002	DR	Potassium Chloride				
Hazardous Waste Solid, N.O.S.	ORM-E	9189	300	lb	P	006	DR	Sanddust/MoCl and				
Hazardous Waste Solid, N.O.S.	ORM-E	9189	950	lb	P	004	DR	Empty Drums Toxic, Br.,				
Hazardous Waste, Solid, N.O.S.	ORM-E	9189	950	lb	P	004	DR	Sanddust/Salt Carbon Tank				
FOR INFORMATION CONTACT: PHONE: 1-800-DEPARTMENT OF ENVIRONMENTAL MANAGEMENT 1-800-252-2244	SPECIAL HANDLING RESTRICTIONS: SUPPLYING ANY CONTAINER EXEMPTION AND EMERGENCY RESPONSE INFORMATION											

ABOVE I CERTIFY THAT I AM THE PRIMARY TRANSPORTER AND HAVE ACCEPTED THE DESCRIBED SHIPMENT IN PROPER CONDITION FOR TRANSPORT AND THE IDENTIFIED HWF	SIGNATURE OF TRANSPORTER <i>Richard F. Mark</i>	DATE SHIPMENT ACCEPTED MONTH 08	DAY 15	YEAR 84	COMPANY NO FOR TRAILER, MARINE OR RAIL CT 84879	DATE OF DELIVERY MONTH 08	DAY 15	YEAR 84
ABOVE I CERTIFY THAT I AM THE CONTINUING TRANSPORTER AND HAVE ACCEPTED THE DESCRIBED SHIPMENT IN PROPER CONDITION FOR TRANSPORT AND THE IDENTIFIED HWF	SIGNATURE OF TRANSPORTER 9189	DATE SHIPMENT ACCEPTED MONTH	DAY	YEAR	STATE	VEHICLE ID	VEHICLE ID	VEHICLE ID

INDICATE ANY DIFFERENCES BETWEEN MANIFEST AND SHIPMENT AND LIST REJECTED MATERIALS. INDICATE DISPOSITION OF REJECTED SHIPMENT

HANDLING METHOD		
1	4	
2	5	
3	6	

I CERTIFY THAT THE DESCRIBED WASTE(S) WAS DELIVERED BY THE AFOREMENTIONED DELIVERING TRANSPORTER AND THAT THE INFORMATION ON THIS

MANIFEST IS CORRECT TO THE BEST OF MY KNOWLEDGE

GENERATOR COMPLETES

THE ABOVE NAMED MATERIALS ARE PROPERLY CLASSIFIED, DESCRIBED, PACKAGED, AND CONTAINED IN PROPER CONDITION FOR TRANSPORTATION ACCORDING TO THE APPROPRIATE REGULATIONS OF THE U.S. ENVIRONMENTAL PROTECTION AGENCY.

Tom Niemeyer

HAZARDOUS WASTE MANIFEST AND SHIPPING PAPER

674-050

RI 12164

GENERATOR COMPLETES

NAME GENERATOR DARROLL PRODUCTS INC. PRIMARY TRANSPORTER SEALAND CONTINUING TRANSPORTER	MAILING ADDRESS Rt. 91 WOOD RIVER JCT. R.I. 326 DERBY AVE. DERBY CT.	PHONE NUMBER (401) 364-7731 (203) 735-1817 ()	STATE RI CT	DOCKET NUMBER D 00 204 2216 D 98 052 1280				
WASTE NAME DUPONT CHAMBERS WORKS GENERATOR'S SITE LOCATION PHILIP FAHLMAN	DATE SHIPPED 8 8 84	EXPECTED ARRIVAL 8 8 84	DATE					
U.S.DOT SHIPPING NAME	DOT HAZARD CLASS	UN/NA NO	WT VOL	UNITS	UN/CLAS	SHIPPING INFO	EPA WASTE NO.	ACCRUED HAZARDOUS WASTE INFO & HAZ. NOS
HAZARDOUS WASTE LIQUID H.O.G.	ORM-E	NA 9189	5000	GAL	Q	1 C.T.	D 0 0 7	-5 ppm Chrome
								75% H2O
								10% Na2SO4
								7% NaCl
								pH- 5.0

FOR INFORMATION CONTACT:
BROUARD & ASSOCIATES
ENVIRONMENTAL MANAGEMENT
1400 BROADWAY
NEW YORK, NY 10018
TELEPHONE: (212) 541-1000

OW-674-050

OWD 085823
OWD 085824

N55WA-8224-AH

TRANSPORTER
COMPLETES

REASON FOR DELAY: THE GENERATOR STATE THAT THEY WILL NOT DELIVER THE WASTE TO THE TRANSPORTER AND HAVE NO ONE ELSE TO TRANSPORT IT. THEY REQUESTED FOR TRANSPORTER TO CONTINUE ON TO THE IDENTIFIED HAZ. WASTE TRANSFERTOR. THE TRANSPORTER AGREED. X FS NO	DATE SHIPMENT ARRIVED 8 8 84	COMPANY IN CHARGE OF TRAILER CT 184833	DATE OF DELIVERY 8 8 84
SIGNATURE OF TRANSPORTER Douglas R Clark	MONTH YEAR	STATE VIN/MDL/CSN/ALL	MONTH YEAR

STATE
REASON FOR DELAY: THAT THE
TRANSPORTER IS NOT TRANSPORTING THE
WASTE TO THE IDENTIFIED HAZ. WASTE
TRANSFERTOR. THE TRANSPORTER AGREED
TO CONTINUE ON TO THE IDENTIFIED HAZ. WASTE
TRANSFERTOR. THE GENERATOR AGREED.
9189

SIGNATURE OF TRANSPORTER

INDICATE ANY DIFFERENCES BETWEEN MANIFEST AND SHIPMENT AND LIST REJECTED MATERIALS. INDICATE DISPOSITION OF REJECTED SHIPMENT

DISPOSITION METHOD

I CERTIFY THAT THE DESCRIBED WASTE(S) WAS DELIVERED BY THE AFOREMENTIONED DELIVERING TRANSPORTER AND THAT THE INFORMATION ON THIS

MANIFEST IS CORRECT TO THE BEST OF MY KNOWLEDGE

Laura R. Banas08 08 84
MONTH DAY YEAR

T31

T67

T49

HAZARDOUS WASTE MANIFEST AND SHIPPING PAPER

JUL 27 1984

RI 12163

NAME CARRIAGE PRODUCT INC PRIMARY TRANSPORTER MCDONALD & WATSON CONTINUING TRANSPORTER		MAILING ADDRESS RT 71 WOOD RIVER JCT RI POLE 18 PEEPTUAD RD N SIRI		PHONE NUMBER (401)364-7731 RI 0002042216 (401)232-2800 RI 0093214260		DATE RECEIVED ()		
HAZARDOUS WASTE VARR IMPROVEMENT CO. GENERAL CONTRACTOR PHILIP FAHLMAN		223 ALLEN'S AVE, NEW RI. DATE SHIPPED 7/23/84		(401)331-0051 RI 0006007911 DATE EXPECTED ARRIVAL 7/23/84				
US DOT SHIPPING NAME HAZARDOUS WASTE SOLID "N.O.S."		DOT HAZARD CLASS ORM-E	UN NO 9189	WT VOL 220 GAL	UNITS G	CONTAINER 4 DR	EPA WASTE 0008	DESCRIPTION OF WASTE OVERSIZED WASTE BODIES WASTE OIL and SAWDUST
FOR INFORMATION CONTACT RHODE ISLAND DEPARTMENT OF ENVIRONMENTAL MANAGEMENT INDUSTRIAL SECTION PROVIDENCE, RI 02804 TELEPHONE 401-421-1000		SHIPPER IDENTIFICATION NUMBER DATE OF MANUFACTURE OR EXPIRATION DATE AND EXPIRATION DATE OF THIS SHIPMENT		DATE SHIPPED AND FRT MONTH DAY YEAR		CARRIER IDENTIFICATION NAME, STATE RI 41522		DATE OF RECEIVED MONTH DAY YEAR
<input checked="" type="checkbox"/> YES NO The carrier listed above is the primary shipper listed and shall be contacted if this shipment is delayed or damaged during transportation or delivery.		<input checked="" type="checkbox"/> YES NO The carrier listed above is not the primary shipper and shall not be contacted if this shipment is delayed or damaged during transportation or delivery.		DATE SHIPMENT RECEIVED MONTH DAY YEAR		CARRIER IDENTIFICATION NAME, STATE RI 41522		DATE OF DELIVERY MONTH DAY YEAR
SIGNATURE OF TRANSPORTER <i>Stephen J. Forman</i>		SIGNATURE OF TRANSPORTER <i>Stephen J. Forman</i>		DATE SHIPMENT RECEIVED MONTH DAY YEAR		CARRIER IDENTIFICATION NAME, STATE RI 41522		DATE OF DELIVERY MONTH DAY YEAR
INDICATE ANY DIFFERENCES BETWEEN MANIFEST AND SHIPMENT AND LIST REJECTED MATERIALS. INDICATE DISPOSITION OF REJECTED MATERIAL								HANDLING METHOD
CERTIFY THAT THE DESCRIBED WASTE(S) WAS DELIVERED BY THE AFOREMENTIONED TRANSPORTER AND THAT THE INFORMATION ON THIS MANIFEST IS CORRECT TO THE BEST OF MY KNOWLEDGE <i>Bruce Eversen (w)</i> 3. GENERATOR COMPLETE COPY								1. SO2 2. T18 3. T40

3. GENERATOR COMPLETE COP

RI 12162

HAZARDOUS WASTE MANIFEST AND SHIPPING PAPER

MAY 1991 EDITION F

NAME GENERATOR Carroll Products		MAILING ADDRESS Rte 91 Wood River Jet, RI 02894 East Millbrook Woodstown, NJ 08098		PHONE NUMBER () 401 364-7731 () 609 769-2741 ()		STATE/TELEPHONE RI 0002042216 NJ 000204			
PRIMARY TRANSPORTER S & J									
CONTINUING TRANSPORTER									
HAZARDOUS WASTE FACILITY Hollings Environmental		Rte 322 Bridgeport, NJ 08014		DATE SHIPPED 6/12/91		EXPECTED ARRIVAL 6/12/91			
GENERATOR CONTACT PERSON Tom Niemeyer									
U S DOT SHIPPING NAME	DOT HAZARD CLASS	UN N A NO	WT VOL	UNITS	UNIT CODE	CONTAINER NO	EPA WASTE NO	DESCRIPTION OF WASTE ANALYSIS IF AVAILABLE	
Waste, Corrosive Solid, H.O.S.	Corrosive Solid	1759		lb	P	3	DR D002	Cinamoyl Chloride L-8045	
Waste Isopropanol	Lammable Liquid	1219		Gal	G	1	DR D001	L-8044	
Waste Corrosive Solid, H.O.S.	Corrosive Solid	1759		lb	P	3	DR D002	p-Toluene Sulf. Chl. L-8040	
Hazardous Waste, Liquid, H.O.S.	ORM-B	9189		Gal	G	1	DR P003	TDC P145.	
Hazardous Waste Liquid, H.O.S.	ORK-B	9189		Gal	G	1	DR P002	Heptane/NaCl L-7912	
Waste Corrosive Solid, H.O.S.	Corrosive Solid	1759		lb	P	3	DR D002	Sodium Bisfor.	
FOR INFORMATION CONTACT RHODE ISLAND DEPARTMENT OF ENVIRONMENTAL MANAGEMENT 75 DAVIS STREET PROVIDENCE, RI 02804 • 401-277-2787 24 HOUR HOT LINE		SPECIAL HANDLING INSTRUCTIONS INCLUDING ANY CONTAINERS, EQUIPMENT, AND EQUIPMENT TO SPECIAL INFORMATION							
IN THE EVENT OF A FIRE OR CONTAMINATION, CALL THE NUMBER LISTED ON THIS LINE									
REQUIRED BY LAW YES NO		THIS IS TO CERTIFY THAT I AM THE PRIMARY TRANSPORTER AND HAVE ACCEPTED THE DESCRIBED SHIPMENT IN PROPER CONDITION FOR TRANSPORT TO THE IDENTIFIED WASTE FACILITY		DATE SHIPMENT ACCEPTED MONTH DAY YEAR		STATE METHOD		DATE OF DELIVERY MONTH DAY YEAR	
		SIGNATURE OF TRANSPORTER							
PLACARDS RECD		THIS IS TO CERTIFY THAT I AM THE CONTINUING TRANSPORTER AND HAVE ACCEPTED THE DESCRIBED SHIPMENT IN PROPER CONDITION FOR TRANSPORT TO THE IDENTIFIED WASTE FACILITY		DATE SHIPMENT ACCEPTED MONTH DAY YEAR		STATE METHOD		DATE OF DELIVERY MONTH DAY YEAR	
		SIGNATURE OF TRANSPORTER							
INDICATE ANY DIFFERENCES BETWEEN MANIFEST AND SHIPMENT AND LIST REJECTED MATERIALS. INDICATE LOCATION OF REJECTED SHIPMENT								MANIFEST NUMBER	
I CERTIFY THAT THE DESCRIBED WASTE(S) WAS DELIVERED BY THE AFOREMENTIONED DELIVERING TRANSPORTER AND THAT THE INFORMATION ON THE MANIFEST IS CORRECT TO THE BEST OF MY KNOWLEDGE								MONTH DAY YEAR	

HAZARDOUS WASTE MANIFEST AND SHIPPING PAPER

RI 12161

MANIFEST NUMBER

GENERATOR COMPLETES

COMPLETES

COMPLETES

NAME GENERATOR Carroll Products PRIMARY TRANSPORTER S & J CONTINUING TRANSPORTER		MAILING ADDRESS Rte 91 Wood River Jet, RI 02894 East Millbrook Woodstown, NJ 08096		PHONE NUMBER () 401 364-7731 () 609 769-2741 ()		STATE/LOAD NO RI DO 02042216 NJ DO 71629976			
HAZARDOUS WASTE FACILITY Bellins Environmental GENERATOR CONTACT PERSON Tom Niemeyer		Rte 322 Bridgeport, NJ 08014		DATE SHIPPED 8/14/84		EXPECTED ARRIVAL 8/14/84		DATE	
U.S. DOT SHIPPING NAME		DOT HAZARD CLASS	UN N.A. NO.	WT. VOL	QUANTITY	CONTAINERS CODE	EPA WASTE NO.	DESCRIPTION OF WASTE ANALYSIS IF WASTE IS DANGEROUS	
1	Waste Flammable Solid, N.O.S.	Flammable Solid	1325	1 lb	1 lb	P	DR D 001	Waste Paper Bags L-7829	
2	Waste Flammable Solid, N.O.S.	Flammable Solid	1325	1 lb	1 lb	P	DR D 001	Waster Sweepings L-8033	
3	Waste Flammable Solid, N.O.S.	Flammable Solid	1325	1 lb	1 lb	P	DR D 001	Ester-Fire L-8042	
4	Waste Flammable Solid, N.O.S.	Flammable Solid	1325	1 lb	1 lb	P	DR D 001	Sawdust 011 L-8043	
5	Waste Flammable Solid, N.O.S.	Flammable Solid	1325	1 lb	1 lb	P	DR D 001	Diisopropene L-8041	
6	Waste Methylene Chloride	ORM-A	1593	1 gal	0	P	DR F 002	L-8046	
FOR INFORMATION CONTACT RHODE ISLAND DEPARTMENT OF ENVIRONMENTAL MANAGEMENT 10 DAVIS STREET PROVIDENCE, RHODE ISLAND 02804 (401) 272-2520		SPECIAL HANDLING INSTRUCTIONS, IF IDENTIFIED: CONTAINERS OF THIS SHIPMENT ARE TO BE REFRIGERATED							
IN THE EVENT OF A SPILL OR LEAKAGE, NOTIFY THE STATE MARINE OFFICER OR THE STATE POLICE									
REQUIRED LABELS <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		THIS IS TO CERTIFY THAT I AM THE PRIMARY TRANSPORTER AND HAVE ACCEPTED THE DESCRIBED SHIPMENT IN PROPER CONDITION FOR TRANSPORT TO THE IDENTIFIED HWY		DATE SHIPMENT ACCEPTED MONTH DAY YEAR		COMPANY NO. FOR TRAILER/MARINE OFFICER		DATE OF DELIVERY MONTH DAY YEAR	
PLACARDS RECD		SIGNATURE OF TRANSPORTER		MONTH DAY YEAR		STATE		VEHICLE ID	
SIGNATURE OF TRANSPORTER		MONTH DAY YEAR		STATE		COMPANY NO. FOR TRAILER/MARINE OFFICER		VEHICLE ID	
INDICATE ANY DIFFERENCES BETWEEN MANIFEST AND SHIPMENT AND LIST REJECTED MATERIALS. INDICATE DISPOSITION OF REJECTED SHIPMENT									
DATE OF REJECTION									
I CERTIFY THAT THE DESCRIBED WASTE(S) WAS DELIVERED BY THE AFOREMENTIONED DELIVERING TRANSPORTER AND THAT THE INFORMATION ON THIS MANIFEST IS CORRECT TO THE BEST OF MY KNOWLEDGE									
MANIFEST IS CORRECT TO THE BEST OF MY KNOWLEDGE									

HAZARDOUS WASTE MANIFEST AND SHIPPING PAPER

674 049 RI 12160

NAME

MAILING ADDRESS

PHONE NUMBER

FAX NUMBER

GENERATOR
Carroll Products Inc
 PRIMARY TRANSPORTER
Sealand
 CONTINUING TRANSPORTER

Rt. 91 Wood River Jct. R.I.
326 Derby Ave. Derby, Ct.

(401) 364-7731
 (203) 735-1817

RI D002042216
 CT D980521280

HAZARDOUS WASTE FACILITY
DuPont Chambers Works
 CONTINUING TRANSPORTER
DuPont Chambers Works

Deepwater, N.J.

DATE SHIPPED

609 299-2000

EXPECTED ARRIVAL

7 16 84

7 16 84

U.S. DOT SHIPPING NAME	DOT HAZARD CLASS	UN NO	WT VOL	DRGS	CONTAINER CODE	TYPE	EPA WASTE NO	CONTAINER NUMBER Hazardous Waste P/N#S
Hazardous Waste Liquid N.O.S.	ORM-E	NA 9189	4800	Gal	G	001	GT	2007
								5 ppm Chrome
								75% H2O
								18% Na2SO4
								7% NaCl
								pH= 4

FOR INFORMATION CONTACT

SHIPPING AND TRANSPORT
 ENVIRONMENTAL MANAGEMENT
 DAY TRAILER
 DUPLINET INCORPORATED
 1000 E. 10TH ST., SUITE 200

DUPLICATED INFORMATION FOR THE GENERATOR AND CONTINUING TRANSPORTER

MANUFACTURER'S ORIGIN INFORMATION

OW- 674- 049

OWD- 085755

MANIFEST
 DATE
 SIGNATURE OF TRANSPORTER
 SIGNATURE OF TRANSPORTER
 SIGNATURE OF TRANSPORTER

TRANSPORTER
 SIGNATURE OF TRANSPORTER
 SIGNATURE OF TRANSPORTER

DATE SHIPPED
 MONTH DAY YEAR
 VEHICLE ID

COMPANY FOR TRAILER
 MARINE OR LAND

DATE OF DELIVERY
 MONTH DAY YEAR

TRANSPORTER
 SIGNATURE OF TRANSPORTER
 SIGNATURE OF TRANSPORTER
 SIGNATURE OF TRANSPORTER

TRANSPORTER
 SIGNATURE OF TRANSPORTER

DATE SHIPPED
 MONTH DAY YEAR
 VEHICLE ID

COMPANY FOR TRAILER
 MARINE OR LAND

DATE OF DELIVERY
 MONTH DAY YEAR

INDICATE ANY DIFFERENCES BETWEEN MANIFEST AND SHIPMENT AND LIST REJECTED MATERIALS. INDICATE DISPOSITION OF REJECTED SHIPMENT

I CERTIFY THAT THE DESCRIBED WASTE(S) WAS DELIVERED BY THE AFOREMENTIONED DELIVERING TRANSPORTER AND THAT THE INFORMATION ON THIS

MANIFEST IS CORRECT TO THE BEST OF MY KNOWLEDGE

H. Morris

MONTH DAY YEAR
 7 16 84

T31
 T67
 T49

3. GENERATOR COMPLETE COPY

HAZARDOUS WASTE MANIFEST AND SHIPPING PAPER

RI 12159

U.S. EPA APPROVED

GENERATOR COMPLETES

COMPLETES

COMPLETES

NAME
CARROLL PRODUCTS INC.
 PRIMARY TRANSPORTER
MacDONALD WATSON
 CONTINUING TRANSPORTER

NAME
NARR. IMPROVEMENT CO.
 CONTINUING TRANSPORTER
PHILIP FAHLMAN

MAILING ADDRESS

RT. 91 WOOD RIVER JCT. R.I.
 PEPPERTOAD RD. N. SICT. R.I.

TELEPHONE NUMBER

401 364-7731

401 232-2800

RI D002042216

RI D093214260

401 331-0051

RI D006807911

7 5 84

7 5 84

DATE

EXPECTED ARRIVAL

TIME

AM/PM

DST

DATE

TIME

HAZARDOUS WASTE MANIFEST AND SHIPPING PAPER

JUN 25 1984

RI 12158

MAILED 12:00 PM

NAME

MAILING ADDRESS

LICENSE NUMBER

MONTH

DAY

YEAR

GENERATOR
CARROLL PRODUCTS INC

PRIMARY TRANSPORTER

SEALAND

CONTINUING TRANSPORTER

FEDERAL OR STATE FACILITY

DUPONT CHAMBERS WORKS

DISPATCHER/CENTRAL OFFICE

PHILIP FAHLMAN

US DOT SHIPPING NAME

**CORROSIVE LIQUID
WASTE N.O.S.**DOT INDEX
NUMBERUN
NA

WT VOL

UNITS

UNIT
CODE

CONTAINER

EPA
WASTE
NO.

C.T.

D.O.O.R.

DESCRIPTION OF WASTE
ANALYSIS OF WASTE NOSCORROSIVE
MATERIALUN
1760

4700

GAL

G

001

C.T.

D.O.O.R.

pH-13.0

5 ppm Chrome

75% H2O

18% Na2SO4

7% NaCl

GENERATOR COMPLETES

674-045

FOR INFORMATION CONTACT

THOMAS JAMES FORSTER AND RUE
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
PROVIDENCE, RI 02803
401-457-2000

OW-674-048

OWD-085821

TRANSPORTER
COMPLETESTHOMAS JAMES FORSTER AND RUE
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
PROVIDENCE, RI 02803
401-457-2000*Michael C. Koff*
SIGNATURE OF TRANSPORTER

DATE SHIPPED

MONTH

DAY

YEAR

STATE

VEHICLE

ID

CT

COMPANY NAME OR TRAILER
NAME OR TRAILER

NAME

OF

TRAILER

DATE OF DELIVERY

MONTH

DAY

YEAR

1760

SIGNATURE OF TRANSPORTER

DATE SHIPMENT ACCEPTED

MONTH

DAY

YEAR

STATE

VEHICLE

ID

COMPANY NAME OR TRAILER
NAME OR TRAILER

NAME

OF

TRAILER

DATE OF DELIVERY

MONTH

DAY

YEAR

INDICATE ANY DIFFERENCES BETWEEN MANIFEST AND SHIPMENT AND LIST REJECTED MATERIALS. INDICATE DISPOSITION OF REJECTED SHIPMENT

DISPOSITION METHODS

I CERTIFY THAT THE DESCRIBED WASTE(S) WAS DELIVERED BY THE AFOREMENTIONED DELIVERING TRANSPORTER AND THAT THE INFORMATION LISTED

MANIFEST IS CORRECT TO THE BEST OF MY KNOWLEDGE

T31

T62

6 20 84

148

L

HAZARDOUS WASTE MANIFEST AND SHIPPING PAPER

JUN 25 1984

RI 12157

NAME CARROLL PRODUCTS INC.	MAILING ADDRESS RT. 91 WOOD RIVER JCT, R.I.	STATE/ZIP CODE (401) 364-7731	STATE/ZIP CODE R I D 0 0 2 0 4 2 2 1 6						
PRIMARY TRANSPORTER SEALAND	CONTINUING TRANSPORTER	STATE/ZIP CODE (203) 735-1817	STATE/ZIP CODE C T D 9 8 0 5 2 1 2 8 0						
DUPONT CHAMBERS WORKS	DEEPWATER, N.J.	DATE SHIPPED 6 15 84	EXPECTED ARRIVAL 6 15 84						
PHILIP PAHLMAN									
US DOT SHIPPING NAME	DOT HAZARD CLASS	UN NO	WT VOL	UNITS	UNIT CODE	CONTAINER NO.	LPA WASTE NO.	DESCRIPTION OF WASTE ANALYSIS IF WASTE IS NOS	
WASTE CORROSIVE LIQUID N.O.S.	CORROSIVE MATERIAL	UN 1760	48.00	GAL	Q	001	C T	D002	pH-12.6
								5 ppm Chrome	
								75% H2O	
								18% Na2SO4	
								7% NaCl	
FOR INFORMATION CONTACT PHILIP PAHLMAN DEPT. OF ENVIRONMENTAL MANAGEMENT 1000 DEADERICK ST. PHILADELPHIA, PA 19107	SPECIFIC CONTACT INFORMATION FOR INQUIRIES CONCERNING THIS SHIPMENT OR THE COMPANY WHICH SHIPPED IT. PROVIDE INFORMATION AS REQUESTED BY THE RECEIVER							SWA 8275AN	
	0WD 073585								
	ON 674 047								
SHIPPING LABEL 1760	SIGNATURE OF TRANSPORTER smiley/CT	DATE SHIPMENT ACCEPTED MONTH 06	YEAR 15	VEHICLE ID CT 84855	COMPANY FOR TRAILER MANUFACTURED 06 15 84	DATE OF DELIVERY MONTH 06	DAY 15	YEAR 84	
REMARKS 1760	SIGNATURE OF TRANSPORTER D. Pahlman	DATE SHIPMENT ACCEPTED MONTH 06	YEAR 15	VEHICLE ID CT	COMPANY FOR TRAILER MANUFACTURED 06 15 84	DATE OF DELIVERY MONTH 06	DAY 15	YEAR 84	
INDICATE ANY DIFFERENCES BETWEEN MANIFEST AND SHIPMENT AND LIST REJECTED MATERIALS. INDICATE DISPOSITION OF REJECTED SHIPMENT									
T31									
T67									
149									

3. GENERATOR COMPLETE COPY

HAZARDOUS WASTE MANIFEST AND SHIPPING PAPER

RI 12156

NAME CARROLL PRODUCTS
SECONDARY TRANSPORTER S & J
CONTINUING TRANSPORTER
THIRD PARTY TRANSPORTER ROLLINS ENVIRONMENTAL
GENERATOR CONTACT Tom Niemeyer

MAILING ADDRESS Rt 91 Wood River Jet, RI 02894 East Millbrook Woodstown, NJ 08098
Rt 322 Bridgeport, NJ 08014
DATE SHIPPED

SHIPPING ADDRESS 401 Todd St. RI 0002042216
609 769-2741 N.J. D071629976
609 467-3105 NJ D053288239
6 22 84 DATE EXPECTED ARRIVAL

U.S. DOT SHIPPING NAME	D.O.T. HAZARD CLASS	UN NO	WT. VGT	UNITS	CONTAINER CODE	CONTAINER		EPA WASTE ID	DESCRIPTION OF WASTE WASTE CODE NUMBER
						NO.	TYPE		
Waste Flammable Solid, N.O.S.	Flammable Solid	1325	8.68	lb	P	16	DR	D001	Waste Diazo Bags
Waste Flammable Solid, N.O.S.	Flammable Solid	1325	60	lb	P	2	DR	D001	Waste Filter Tubes
Waste Acetone	Flammable Liquid	1090	60.5	gal	G	11	DR	F003	
Hazardous Waste Liquid, N.O.S.	ORM-E	9189	220	gal	G	4	DR	F002	Heptane/ MeCl L-7912
Hazardous Waste Liquid, N.O.S.	ORM-E	9189	220	gal	G	4	DR	F003	TDQ Distillate L-7913

FOR INFORMATION CONTACT

ROLLINS ENVIRONMENTAL
111 E. 111th Street
New York, NY 10036
PROVIDENCE, RI 02906
T 401-781-5311

SPECIFY RECYCLING PLANT FROM WHICH CURRENTLY RECEIVED
MANUFACTURED WASTE MATERIALS
RECEIVED AND IS AVAILABLE FOR RECYCLING

<i>Ed Niemeyer</i>		DATE SHIPPED	MONTH	YEAR	VEHICLE	STATE	COMPANY OR FORWARDER MAILING ADDRESS	DATE OF DELIVERY
		06	22	84	10	NJ		1764 06 22 84
SIGNATURE OF TRANSPORTER		DATE SHIPMENT ACCEPTED	MONTH	DAY	VEHICLE	STATE	COMPANY OR FORWARDER MAILING ADDRESS	DATE OF DELIVERY

INDICATE ANY DIFFERENCES BETWEEN MANIFEST AND SHIPMENT AND LIST REJECTED MATERIALS. INDICATE DISPOSITION OF REJECTED SHIPMENT

IDENTIFY THAT THE DESCRIBED WASTE WAS DELIVERED BY THE AGREEMENTED FORWARDING TRANSPORTER AND THAT THE INFORMATION ON THIS
MANIFEST IS CORRECT TO THE BEST OF MY KNOWLEDGE

Patricia Dowling

07 09 84
MONTH DAY YEAR

T07 T06
T07 T06
T06 T06

HAZARDOUS WASTE MANIFEST AND SHIPPING PAPER

RI 12155

Mathematical

EDB.IBM.COM/EDB.CS/EDB

Brugel, van der (1562-1638)
Die Entdeckung Amerikas und die
Kontakte dorthin
Reisebericht von 1596

K 195 500

Stephen J. Fox
SIGNATURE OF TRANSPORTER

DATA INTEGRITY VERIFICATION

REFERENCES

REFERENCES

- 1 - 8 84

— 1 —

COMPANY FOR THE TRADE

RCLE RI 41552

Editorial Duties

6 | 8 | 8

For example, one can take the following approach. We first choose a set of nodes and then we attempt to find the best solution by applying the other methods of the original MIP problem.

SIGNATURE OF TRANSPORTER

DATE SHIPMENT ACCEPTED
MAY 20, 1968

www.ijerph.org

CONTRACTOR FOR TRAILER

STATE MANNER OF HAN

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DATE OF DELIVERY:

ROUTE DAY CLASS

— — — — —

INDICATE AND EXPLAIN HYPOTHESES BETWEEN MANIFEST AND LATENT ABILITIES IN RELATED MATHEMATICAL CONCEPTS ONLY.

—
—

I CERTIFY THAT THE DESCRIBED DEVICE WAS DELIVERED BY THE ABOVE-NAMED ORGANIZATION IN THE PLEASANTON AREA OF CALIFORNIA ON THE INFORMATION CONTAINED HEREIN.

MANUFACTURED, OPERATED AND MAINTAINED BY THE STATE OF MICHIGAN

3. GENERATOR COMPLETE COPY

HAZARDOUS WASTE MANIFEST AND SHIPPING PAPER

RI 12154

JUN 11 1984

674-044

MANUFACTURER/SHIPPER

NAME CARROLL PRODUCTS INC.	MAILING ADDRESS RT. 91 WOOD RIVER JCT. R.I.	PHONE NUMBER (401) 364-7731	RI D 002042216					
PRIMARY TRANSPORTER SEALAND	326 DERBY AVE. DERBY, CT.	(203) 735-1817	CT D 980521280					
CONTINUING TRANSPORTER		()						
SECONDARY RECEIVER DUPONT CHAMBERS WORKS	DEEPWATER, N.J.	(609) 299-2000	N J D 002385130					
DRIVER FOR TRANSPORTER PHILIP PAHLMAN		DATE SHIPPED 6 7 84	EXPECTED ARRIVAL 6 7 84					
U.S. DOT SHIPPING NAME CORROSIVE LIQUID WASTE N.O.S.	DOT HAZARD CLASS CORROSIVE UN MATERIAL 3760	WT VOL 4800	UNITS BAL	UNITS CODE G	CONTAINER NO. 001	CONTAINER TYPE CT	EPA WASTE NO. D002	DESCRIPTION OF WASTE ANALYSIS IF WASTE LINDS pH-1.8
							D007	5 ppm Chrome
								75% H2O
								18% Na2SO4
								7% NaCl

GENERATOR COMPLETES

FOR INFORMATION CONTACT
RHODE ISLAND DEPARTMENT
OF ENVIRONMENTAL MANAGEMENT
DIVISION OF HAZARDOUS
WASTES RECORDSADDRESS: 1000 CENTRAL EXPO CENTER, 10TH FLOOR, PROVIDENCE, RI 02803
TELEPHONE: (401) 222-1111

OW-674-046

OND-078584

TRANSPORTER
COMPLETES

If different
from
SHIPPER
X
Signature of Transporter
Michael C. Duff

DATE SHIPMENT RECEIVED MONTH DAY YEAR	COMPANY NAME FOR TRAILER MARINE OR TRAILER	DATE OF DELIVERY MONTH DAY YEAR
06 07 84	CT 84855	

If different
from
RECIPIENT
1760
Signature of Transporter

DATE SHIPMENT RECEIVED MONTH DAY YEAR	COMPANY NAME FOR TRAILER MARINE OR TRAILER	DATE OF DELIVERY MONTH DAY YEAR

INDICATE ANY DIFFERENCES BETWEEN MANIFEST AND SHIPMENT AND LIST REJECTED MATERIALS. INDICATE DISPOSITION OF REJECTED SHIPMENT

Indicate Method

I CERTIFY THAT THE DESCRIBED WASTE(S) WAS DELIVERED BY THE ABOVE-NAMED DRIVER TO THE ADDRESS LISTED ON THIS

MANIFEST IN CONFORMITY WITH THE REQUIREMENTS OF

Johnson

1 T31	1
2 T60	1
3 T15	1

HAZARDOUS WASTE MANIFEST AND SHIPPING PAPER

RI 12153
Manifest No. 9142

GENERATOR COMPLETES

TRANSPORTER COMPLETE

H.W.F.
COMPLETES

NAME		MAILING ADDRESS			PHONE NUMBER		DATE SHIPPED		DATE RECEIVED			
GENERATOR CARROLL PRODUCTS INC.		RT. 91 WOOD RIVER JCT. R.R.			(401) 364-7731		MAY 10 1984		2042216			
PRIMARY TRANSPORTER SEALAND		320 DERBY AVE. DERBY, CT.			(203) 735-1817		CIT		10980521490			
CONTINUING TRANSPORTER					()							
HAZARDOUS WASTE Facility DUPONT CHAMBERS WORKS		DEPASTER, N.J.			(609) 299-5000		N.J.		DOU 21182897			
GENERAL RECIPIENT PERSON PHILIP FAHLMAN					DATE SHIPPED		DAY MONTH YEAR		EXPECTED ARRIVAL MONTH DAY YEAR			
U.S. DOT SHIPPING NAME HAZARDOUS WASTE LIQUID N.O.S.		DOT HAZARD CLASS ORM-E	UN NO 9109	WT VOL 500.0	UNITS GAL	UNIT CODE G	CONTAINER		EPA WASTE NO			
							NO	TYPE	NO		DESCRIPTION OR WASTE ANALYSIS IF WASTE IS NOS	
									WATER FROM FIRE CLEAN UP			
									ph-6.0			
									sp. gr.- 1.00			
									5 ppm Chrome			
FOR INFORMATION CONTACT RHODE ISLAND DEPARTMENT OF ENVIRONMENTAL MANAGEMENT 7 LAKIN STREET PROVIDENCE, RI 02903 OR 401-467-7400		SPECIFIC INSTRUCTIONS INCLUDING NEW CONTAINER REQUIREMENTS AND METHODS OF RELEASE INFORMATION 675 OW-785-002 OWD-070562 OWD-078583										
IN THE EVENT OF A SPILL CALL THE STATE'S HAZARDOUS WASTE HOTLINE 1-800-448-0111												
RELEASER SIGNATURE NAME NO	I CERTIFY THAT I AM THE PRIMARY TRANSPORTER AND I HAVE A COPY OF THE DESCRIBED SHIP- MENT IN MY POSSESSION FOR TRANSPORTATION IDENTIFIED HEREIN.			DATE SHIPMENT ACCEPTED MONTH DAY YEAR			CONTAINING FOR TRAILER TRAILER NUMBER			DATE OF DELIVERY MONTH DAY YEAR		
Michael C. Vaff	05 17 84			CT 84832			05 17 84					
RELEASER SIGNATURE NAME NO	I CERTIFY THAT I AM THE CONTINUING TRANSPORTER AND HAVE A COPY OF THE DESCRIBED SHIPMENT IN MY POSSESSION FOR TRANSPORTATION IDENTIFIED HEREIN.			DATE SHIPMENT ACCEPTED MONTH DAY YEAR			CONTAINING FOR TRAILER TRAILER NUMBER			DATE OF DELIVERY MONTH DAY YEAR		
9189												
INDICATE ANY DIFFERENCES BETWEEN MANIFEST AND SHIPMENT AND LIST REJECTED MATERIALS. INDICATE DISPOSITION OF REJECTED SHIPMENT											HANDLING METHOD	
											T31	
											T67	
											T49	
I CERTIFY THAT THE DESCRIBED WASTE(S) WAS DELIVERED BY THE AFOREMENTIONED DELIVERING TRANSPORTER AND THAT THE INFORMATION ON THIS MANIFEST IS CORRECT TO THE BEST OF MY KNOWLEDGE											MONTH DAY YEAR	
											5 17 84	

3. GENERATOR COMPLETE COPY

RI 12152

HAZARDOUS WASTE MANIFEST AND SHIPPING PAPER

RECEIVED BY COMPANY

GENERATOR 675-001

GENERATOR COMPLETES

TRANSPORTER COMPLETES

H.W.P. COMPLETES

NAME CARROLL PRODUCTS INC	MAILING ADDRESS RT. 91 WOOD RIVER JCT. R.I.			PHONE NUMBER (401) 364-7731	MONTH M 1	DAY D 00 20 4 2 2 1 6		
PRIMARY TRANSPORTER SEALAND	ADDRESS 326 DARBY AVE. DARBY, CT.			PHONE NUMBER (203) 735-1817	MONTH C T	DAY D 9 8 0 5 2 1 2 8 0		
CONTINUING TRANSPORTER				PHONE NUMBER ()	MONTH	DAY		
HAZARDOUS WASTE FACILITY DUPONT CHAMBERS WORKS	ADDRESS DEEPWATER, N.J.			PHONE NUMBER (609) 299-5000	MONTH B J	DAY D 0 0 2 1 0 2 0 9 7		
GENERATOR OTHER PERSON PHILIP Fahlman	DATE SHIPPED 5 15 84			EXPECTED ARRIVAL DATE 5 15 84				
U.S. DOT SHIPPING NAME	DOT HAZARD CLASS	UN/NA NO	WT VOL	UNITS	UNIT CODE	CONTAINER NO.	EPA WASTE NO.	DESCRIPTION OF WASTE ANALYSIS IF WASTE IS NOS
HAZARDOUS WASTE LIQUID N.O.S.	ORM-E	NA 9189	50000	GAL	G	001	C T	D 0 0 7
								Water from fire clean up ph=6.0
								sp. Gr.= 1.00
								5 ppm CHROME
FOR INFORMATION CONTACT RHODE ISLAND DEPARTMENT OF ENVIRONMENTAL MANAGEMENT LAKE STATE PROVIDENCE, RI 02903 D 401-222-1800	TELEGRAM HANDLING INFORMATION - INCLUDING ANY CONTAINERS THAT MAY REQUIRE SPECIAL INFORMATION							
	OW-675-001							
	OWD-078580							
	OWD-078581							

STATE YES / NO	THE I, THE CERTIFY THAT I AM THE PRIMARY TRANSPORTER AND HAVE AGREED TO THE TERMS AND CONDITIONS IN THIS CONTRACT FOR TRANSPORTATION IDENTIFIED HEREIN	SIGNATURE OF TRANSPORTER <i>Michael C. Tuff</i>	DATE SHIPMENT ACCEPTED MONTH DAY YEAR	COMPANY IN FOR TRAILER MOTOR VEHICLE	DATE OF DELIVERY MONTH DAY YEAR
STATE YES / NO 9189	THE I, THE CERTIFY THAT I AM THE CONTINUING TRANSPORTER AND HAVE AGREED TO THE TERMS AND CONDITIONS IN THIS CONTRACT FOR TRANSPORTATION IDENTIFIED HEREIN	SIGNATURE OF TRANSPORTER	MONTH DAY YEAR	STATE MOTOR VEHICLE	MONTH DAY YEAR

INDICATE ANY DIFFERENCES BETWEEN MANIFEST AND SHIPMENT AND LIST REJECTED MATERIALS INDICATE DISPOSITION OF REJECTED SHIPMENT

HANDLING METHOD

T31	<input type="checkbox"/>
T67	<input type="checkbox"/>
T45	<input type="checkbox"/>

I CERTIFY THAT THE DESCRIBED WASTE(S) WAS(E) DELIVERED BY THE AFOREMENTIONED DELIVERING TRANSPORTER AND THAT THE INFORMATION ON THIS

MANIFEST IS CORRECT TO THE BEST OF MY KNOWLEDGE

MONTH DAY YEAR
5 15 84

HAZARDOUS WASTE MANIFEST AND SHIPPING PAPER

RI 12151

What is the Rating?

GENERATION COMPLETES

COMPLETES

COLLEGE

FOR INFORMATION CONTACT

HODDE, L. AND DEAN, M.
OF ENVIRONMENTAL MEDICINE
77 LAUREL DR.
PROVIDENCE, RHODE ISLAND 02806

SPE-16-ENHANCING-INDUCTION-TESTS-INCLUDING-SPE-16-ON-WIRE-CABLE-TESTS-AND-ANALYSIS-Y-HU-J-SEAL-INFLUENCE

and in the case of the first and the
third, a black, white, and grey
series of three photographs were
made at the same time, so that
the effect of the different filters
can be compared.

SIGNATURE OF TRANSPORTER			DATE OF RECEIPT	DATE OF DELIVERY
<i>L Doucet</i>			05/14/84	05/14/84
SIGNATURE OF TRANSPORTER			MONTH DAY YEAR	MONTH DAY YEAR
			05 14 84	05 14 84
DATE SHIPMENT ACCEPTED			COMING NO. FOR TRAILER	DATE OF DELIVERY
MONTH DAY YEAR			MAKER & MODEL	MONTH DAY YEAR
			VEHICLE ID	
			NJ SNAG 321 9 PL	

INDICATE ANY DIFFERENCES BETWEEN MANIFEST AND SHIPMENT AND LIST REJECTED MATERIALS IN DRAFT DISPOSITION OF REJECTED MATERIALS

Habitat & Method	
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I CERTIFY THAT THE DESCRIBED WASTE(S) WAS DELIVERED BY THE AFOREMENTIONED DELIVERING TRUCK OWNER AND THAT THE INFORMATION ON THIS

MANIFEST IS CORRECT TO THE BEST OF MY KNOWLEDGE.

BY THE Aforementioned DELIVERING THIS STATE
Charles W. Shields

3. GENERATOR COMPLETE COPY

RI 12087

Manifest Number

HAZARDOUS WASTE MANIFEST AND SHIPPING PAPER

GENERATOR COMPLETES

NAME CARROLL PRODUCTS INC.	MAILING ADDRESS RT. 91 WOOD RIVER JCT. R.I.	PHONE NUMBER (401) 364-7731	DATE OF SHIPMENT 5 11 84						
PRIMARY TRANSPORTER SEALAB	CONTINUING TRANSPORTER 326 DERBY AVE., DERBY, CT.	PHONE NUMBER (203) 735-1817	DATE OF SHIPMENT 5 11 84						
HAZARDOUS WASTE FROM SRS of NEW ENGLAND INC.	CONTINUING TRANSPORTER SOUTHBOROUGH, CT.	PHONE NUMBER (203) 628-8084	DATE OF SHIPMENT 5 11 84						
SHIPPING INFORMATION PHILIP FAHLMAN PLANT SUPT. / CHEMIST		DATE SHIPPED 5 11 84	EXPECTED ARRIVAL 5 11 84						
US DOT SHIPPING NAME	DOT HAZARD CLASS	UN NO	WT VOL	UNITS	UNIT CODE	CONTAINER		EPA WASTE NO	DESCRIPTION OF WASTE ANALYSIS IF WASTE IS N.O.S
						NO.	TYPE		
WASTE HEPTANE	FLAMMABLE LIQUID	UN 1206	1500	GAL	G	L 1	TQ	D0001	
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FOR INFORMATION CONTACT

RIHDE ISLAND DEPARTMENT
ENVIRONMENTAL MANAGEMENT
DAVIS STREET
PROVIDENCE, RI 02804
TELEPHONE: (401) 274-2844

SPECIAL HANDLING REQUIREMENTS IN LOADING AND UNLOADING AND EMERGENCY RESPONSE INFORMATION

PIN NO. 1229-4406-FB

TRANSPORTER COMPLETE

RELEASER X	THE SIGNER HEREBY AGREES TO BE THE PRIMARY TRANSPORTER FOR THIS SHIPMENT AND THAT THE ABOVE SHIPMENT WILL BE DELIVERED IN CONVENTION WITH THE AGREEMENT IDENTIFIED THEREWITH	DATE SHIPMENT ACCEPTED <i>Thomas Timmer</i> 05 11 84	CONTRACTOR FOR TRAILER MARINE OR RAIL <i>84833</i>	DATE OF DELIVERY 05 11 84
RELEASER <i>Thomask 1206</i>	THE SIGNER CERTIFIES THAT CAN BE CERTIFIED TRANSPORTER AS AGREED UPON FOR THE DESCRIBED SHIPMENT IN THE AGREEMENT THAT THE AGREEMENT	DATE SHIPMENT ACCEPTED SIGNATURE OF TRANSPORTER	CONTRACTOR FOR TRAILER MARINE OR RAIL	DATE OF DELIVERY MONTH DAY YEAR

H.W.F.
COMPLETES

INDICATE ANY DIFFERENCES BETWEEN MANIFEST AND SHIPMENT AND LIST REJECTED MATERIALS. INDICATE DESCRIPTION OF REJECTED SHIPMENT

HANDLING METHOD

I CERTIFY THAT THE DESCRIBED WASTE(S) WAS DELIVERED BY THE ABOVE-NAMED DELIVERING TRANSPORTER AND THAT THE INFORMATION ON THIS

MANIFEST IS SUBJECT TO THE BEST OF MY KNOWLEDGE

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HAZARDOUS WASTE MANIFEST AND SHIPPING PAPER

RI 12U86

Manifest ID Number

GENERATOR COMPLETES

TRANSPORTER COMPLETES

H.W.F. COMPLETES

NAME CARROLL PRODUCTS INC	MAILING ADDRESS RT. 91 WOOD RIVER JCT. R.I.	PHONE NUMBER (401) 364-7731	DATE ISSUED RI D002042216					
SHIPPING TRANSPORTER SEALAND	MAILING ADDRESS 326 DERBY AVE. DERBY, CT.	PHONE NUMBER (203) 735-1818	DATE ISSUED CT D980521280					
CONTINUING TRANSPORTER		()						
MANUFACTURER/WHOLESALE SRS OF NEW JERSEY INC.	MAILING ADDRESS 1200 SYLVAN ST. LINDEN, N.J.	PHONE NUMBER 201 862-5000	DATE ISSUED N.J. D002182897					
GENERAL/OPERATOR/SHIPPER PHILIP PAHLMAH PLANT SUPT./CHEMIST	DATE SHIPPED 5 1 84	EXPECTED ARRIVAL 5 1 84						
U.S. DOT SHIPPING NAME ORM-A H.O.S.	DOT HAZARD CLASS ORM-A	UN/NA NO NA 1693	WT VOL 30.00	UNITS GAL	DRG CODE A	CONTAINER 1	EPA WASTE NO F002	DEPARTMENT/TYPE OF WASTE ADJ. FOR RAILWAY USE NO'S 20% METHYLENE CHLORIDE 80% MINERAL SPIRITS
FOR INFORMATION CONTACT RHODE ISLAND DEPARTMENT OF ENVIRONMENT, JAMES M. SMITH, 7 DAY SERVICE PROVIDENCE, RI 02802 TOLL FREE 1-800-251-4336	SEE THE HAZARDOUS WASTE TREATMENT, STORAGE AND DISPOSAL SECTION FOR ADDITIONAL EMERGENCY INFORMATION. <i>Code - 7790 - 6095 FB</i>							
IF I SIGN THIS FORM, I CERTIFY THAT I AM THE SHIPPING TRANSPORTER AND THAT A TRUCK OR TRAILER IDENTIFIED MANUFACTURED CONSTRUCTION FOR TRANSPORTATION IS IDENTIFIED YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	IF THE CARRIER'S SIGNATURE IS PRESENT ON THIS FORM, THE CARRIER IS CERTIFYING THAT THE SHIPMENT IS IDENTIFIED AS A TRUCK OR TRAILER IDENTIFIED MANUFACTURED CONSTRUCTION FOR TRANSPORTATION							
<i>1693</i>	<i>Thomas Ferruccio</i> SIGNATURE OF TRANSPORTER							
DATE SHIPMENT ACCEPTED MONTH DAY YEAR 05 01 84	STATE CT	COMPANY NO FOR TRAILER MARINE OR HAUL 841855	DATE OF DELIVERY MONTH DAY YEAR 05 01 84					
DATE SHIPMENT ACCEPTED MONTH DAY YEAR 	STATE 	COMPANY NO FOR TRAILER MARINE OR HAUL 	DATE OF DELIVERY MONTH DAY YEAR 					
INDICATE ANY DIFFERENCES BETWEEN MANIFEST AND SHIPMENT AND LIST REJECTED MATERIALS. INDICATE DISPOSITION OF REJECTED SHIPMENT								
I CERTIFY THAT THE DESCRIBED WASTE(S) WAS DELIVERED BY THE AFOREMENTIONED DELIVERING TRANSPORTER AND THAT THE INFORMATION ON THIS MANIFEST IS CORRECT TO THE BEST OF MY KNOWLEDGE								
<i>Thomas Ferruccio</i>								
DATE OF DELIVERY MONTH DAY YEAR 05 01 84								

3. GENERATOR COMPLETE COPY

HAZARDOUS WASTE MANIFEST AND SHIPPING PAPER

RI 11656

MANIFEST NUMBER

NAME GENERATOR CARROLL PRODUCTS INC.	MAILING ADDRESS RT. 91 WOOD RIVER JCT. R.I.			PHNL. NUMBER 401) 364-7731	STATE/PLATE NO. R.I D 0 0 2 0 4 2 2 1 6	DATE SHIPPED EXPECTED ARRIVAL DATE 4 30 84 4 30 84 4 30 84
PRIMARY TRANSPORTER MacDONALD WATSON	18 PEEPTOAD RD. N. SCITUATE R.I.			PHNL. NUMBER 401) 232-2800	STATE/PLATE NO. R.I D 0 9 3 2 1 4 2 6 0	
CONTINUING TRANSPORTER				PHNL. NUMBER ()	STATE/PLATE NO. ()	
HAZARDOUS WASTE FACILITY CECOS INTERNATIONAL	56 STREET NIAGARA FALLS BLVD. NIAGARA FALLS, N.Y.			PHNL. NUMBER (716) 873-4200	STATE/PLATE NO. NY D 0 8 0 3 3 6 2 4 1	
GENERATOR CONTACT PERSON PHILIP FAHLMAN PLANT SUPT./CHEMIST	DATE SHIPPED			CONTAINER NO.	EPA WASTE NO.	DESCRIPTION OF WASTE ANALYSIS IF WASTE IS N.O.S.
U.S. DOT SHIPPING NAME HAZARDOUS WASTE OLID H.O.S.	DOT HAZARD CLASS ORM-E	UN NA NO. NA 9189	WT. VOL. 120	UNITS YD	X	T 0 0 2
					F 0 0 2	see analysis
FOR INFORMATION CONTACT RHODE ISLAND DEPARTMENT OF ENVIRONMENTAL MANAGEMENT 10 ELM STREET PROVIDENCE, RI 02803 (401) 421-4294	SPECIAL NOTES, INSTRUCTIONS, INCLUDING ANY CONCERN OF THE GENERATOR OR RELEASER FOR THIS INFORMATION					
	WORK ORDER # 75119 PRODUCT CODE # 10175A					
	IN THE EVENT OF A SPILL, CONTACT THE GENERATOR AT (401) 421-4294 OR THE TRANSPORTER AT (401) 421-4294					

SWORN BELS YES / NO	THIS IS TO CERTIFY THAT I AM THE PRIMARY TRANSPORTER AND HAVE MADE THE DESCRIBED SHIP- MENT IN PROPER CONDITION FOR TRANSPORT TO THE IDENTIFIED RECEIVER.	SIGNATURE OF TRANSPORTER <i>James J. Mac</i>	DATE SHIPMENT ACCEPTED MONTH 04	STATE VEHICLE ID RI 17505	COMPANY NO. FOR TRAILER MARINE OR RAIL	DATE OF DELIVERY MONTH 05
SWORN RECE YES / NO	THIS IS TO CERTIFY THAT I AM THE RECIPIENT OF THE DESCRIBED SHIPMENT, AND THE DESCRIBED SHIPMENT WAS IN PROPER CONDITION FOR RECEIPT BY THE IDENTIFIED RECEIVER.	SIGNATURE OF TRANSPORTER	DAY 30	YEAR 84	MONTH 01	DAY 01

INDICATE ANY DIFFERENCES BETWEEN MANIFEST AND SHIPMENT AND LIST REJECTED MATERIALS, INDICATE DISPOSITION OF REJECTED SHIPMENT

DISPOSITION CODE

D81

I CERTIFY THAT THE DESCRIBED WASTE(S) WAS DELIVERED BY THE AFOREMENTIONED DELIVERING TRANSPORTER AND THAT THE INFORMATION ON THIS
MANIFEST IS CORRECT TO THE BEST OF MY KNOWLEDGE

Donald P. Fahlman **5/01/84**

HAZARDOUS WASTE MANIFEST AND SHIPPING PAPER

RI 11655

Digitized by srujanika@gmail.com

NAME CARROLL PROD. INC PRIMARY TRANSPORTER SEALAND CONTINUING TRANSPORTER	MAILING ADDRESS RT. 91 WOOD RIVER JCT RI 326 DERBY AVE. DERBY CT.	PHONE NUMBER (401)364-7731 (203)735-1818	DATE OF SHIPMENT ()	DATE OF ARRIVAL RI D002042216 CT D980521280				
HAZARDOUS WASTE FACILITY SRS OF NEW JERSEY INC 1200 SYLVAN ST. LINDEN NJ GENERATOR CONTACT PERSON		DATE SHIPPED 201 862 5000	EXPECTED ARRIVAL 04 17 84	DATE NJ D002182897				
U.S. DOT SHIPPING NAME ORM-A N.O.S.	DOT HAZARD CLASS NA 9093	UN N.A. NA 9093	WT. VOL 5000	UNITS GAL	SHIP CODE 6	CONTAINER NO. 1 TYPE CT	EPA WASTE NO F002	DESCRIPTION OF WASTE ANALOGUE/WASTE N.O.S. 20% METHYLENE CHLORIDE 80% MINERAL SPIRITS
FOR INFORMATION CONTACT RHODE ISLAND DEPARTMENT OF ENVIRONMENTAL MANAGEMENT PROVIDENCE, RI 02803 TEL: (401) 781-7728		SPECIAL HANDLING INSTRUCTIONS INCLUDING ANY CONTAINER REQUIREMENTS AND EMERGENCY RESPONSE INFORMATION						
IN THE EVENT OF A SPILL, CONTACT THE NATIONAL OIL SPILL COMMITTEE, 1000 G ST. NW, SUITE 424, WASH. D.C. 20004								
PER. NO. X	STATE THAT I, THE TRANSPORTER, CALL THE PRIMARY TRANSPORTER AND HAVE ARRANGED FOR THE DESCRIBED SUB- STANCE TO BE IN PROPER CONDITION FOR TRANSPORT IN THE IDENTIFIED VEHICLE	SIGNATURE OF TRANSPORTER Thomas Finucane	DATE SHIPMENT ACCEPTED MONTH 04 DAY 17 YEAR 84	COMPANY NO. FOR TRAILER, MANAGE ON RAIL	DATE OF DELIVERY MONTH 04 DAY 17 YEAR 84			
PER. NO. 1693	STATE THAT I CERTIFY THAT I AM THE CONTINUING TRANSPORTER AND HAVE ARRANGED FOR THE DESCRIBED SUBSTANCE TO BE IN PROPER CONDITION FOR TRANSPORT IN THE IDENTIFIED VEHICLE	SIGNATURE OF TRANSPORTER	DATE SHIPMENT ACCEPTED MONTH 04 DAY 17 YEAR 84	COMPANY NO. FOR TRAILER, MANAGE ON RAIL	DATE OF DELIVERY MONTH 04 DAY 17 YEAR 84			
INDICATE ANY DIFFERENCES BETWEEN MANIFEST AND SHIPMENT AND LIST REJECTED MATERIALS. INDICATE DISPOSITION OF REJECTED SHIPMENT						HANDLING METHOD		
I CERTIFY THAT THE DESCRIBED WASTE(S) WAS DELIVERED BY THE AFOREMENTIONED DELIVERING TRANSPORTER AND THAT THE INFORMATION ON THIS MANIFEST IS CORRECT TO THE BEST OF MY KNOWLEDGE Thomas Finucane						DATE RECEIVED MONTH 04 DAY 17 YEAR 84		

3. GENERATOR COMPLETE COPY

HAZARDOUS WASTE MANIFEST AND SHIPPING PAPER

NAME

MAILING ADDRESS

PHONE NUMBER

DATE EPA ID NO.

GENERATOR

CARROLL PRODUCTS INC.

PRIMARY TRANSPORTER

SEALAND

CONTINUING TRANSPORTER

HAZARDOUS WASTE FACILITY

DUPONT CHAMBERS WORKS

DEEPWATER, N.J.

GENERATOR CONTACT PERSON

PHILIP FAHLMAN PLANT SUPT./CHEMIST

DATE SHIPPED

MONTH

DAY

YEAR

EXPECTED ARRIVAL

MONTH

DAY

YEAR

U.S.DOT SHIPPING NAME

DOT HAZARD CLASS

U.N. NA NO

WT VOL

UNITS

UNIT CODE

CONTAINER

EPA WASTE NO

DESCRIPTION OR WASTE ANALYSIS IF WASTE IS N.O.S

**CORROSIVE LIQUID
WASTE N.O.S.****CORROSIVE MATERIAL****UN 780****3200 GAL****10****09****CT****D1002****pH- 12.5****40.07****75% H2O****10****18% Na2S04****11****7% NaCl****12****5 ppm Chrome**

FOR INFORMATION CONTACT

RHODE ISLAND DEPARTMENT
OF ENVIRONMENTAL MANAGEMENT
7 LAVIN STREET
PROVIDENCE, RHODE ISLAND
401-277-1444 FAX: 401-277-2288

SPECIFIC HANDLING INSTRUCTIONS INCLUDING ANY CONTAINER REQUIREMENT AND EMERGENCY RESPONSE INFORMATION

OW-674-045**OWD-078579****OWD-078500**

IN THE EVENT OF A SPILL CONTACT THE DISCHARGING RECEIVER AT 1-800-424-9827

TRANSPORTER
COMPLETESRECORDED
LABELSI CERTIFY THAT I AM THE
PRIMARY TRANSPORTER AND HAVE
ACCEPTED THE DESCRIBED SHIP-
MENT IN PROPER CONDITION FOR
TRANSPORT TO THE IDENTIFIED HWY

DATE SHIPMENT ACCEPTED

MONTH

DAY

YEAR

VEHICLE

STATE

COMPANY NO. FOR TRAILER:
MARINE OR RAIL

DATE OF DELIVERY

MONTH

DAY

YEAR

1760

I CERTIFY THAT I AM THE
CONTINUING TRANSPORTER AND
HAVE ACCEPTED THE DESCRIBED
SHIPMENT IN PROPER CONDITION FOR
TRANSPORT TO THE IDENTIFIED HWY

DATE SHIPMENT ACCEPTED

MONTH

DAY

YEAR

VEHICLE

STATE

COMPANY NO. FOR TRAILER:
MARINE OR RAIL

DATE OF DELIVERY

MONTH

DAY

YEAR

INDICATE ANY DIFFERENCES BETWEEN MANIFEST AND SHIPMENT AND LIST REJECTED MATERIALS. INDICATE DISPOSITION OF REJECTED SHIPMENT

HANDLING METHOD

1 1 1 4

2 1 1 5

3 1 1 6

I CERTIFY THAT THE DESCRIBED WASTE(S) WAS DELIVERED BY THE AFOREMENTIONED DELIVERING TRANSPORTER AND THAT THE INFORMATION ON THIS

MANIFEST IS CORRECT TO THE BEST OF MY KNOWLEDGE

D-Jar

MONTH DAY DATE

HAZARDOUS WASTE MANIFEST AND SHIPPING PAPER

RI 11653
DATE OF ISSUE

674-0441

NAME CARROLL PRODUCTS INC	MAILING ADDRESS RT. #1 WOOD RIVER JCT. R.I.	PHONE NUMBER (401) 364-7731	DATE ISSUED 04/02/04 2216						
PRIMARY TRANSPORTER SEALAND	326 DERBY AVE. DERBY, CT.	(203) 735-1817	CT D 980521260						
CONTINUING TRANSPORTER		()							
HAZARDOUS WASTE RECEIVER DUPONT CHAMBERS WORKS	DEEPWATER, N.J.	609 299-2000	NJ D 0102385130						
GENERATOR CONTACT PERSON PHILIP FAHLMAN	DATE SHIPPED	MONTH DAY YEAR 4 11 84	EXPECTED ARRIVAL MONTH DAY YEAR 4 11 84						
U.S. DOT SHIPPING NAME	DOT HAZARD CLASS	UN. NO.	WT VOL	UNITS	SHIP CODE	CONTAINERS	EPA WASTE NO.	DESCRIPTION OR WASTE ANALYSIS IF WASTE IS NOS	
						NO.	TYPE		
CORROSIVE LIQUID WASTE N.O.S.	CORROSIVE MATERIAL	UN 1760	250.0	GAL	LG	1 1 1	CT	D002	pH-13.0
								D007	5 ppm Chrome
									75% H2O
									18% Na2SO4
									7% NaCl

GENERATOR COMPLETES

FOR INFORMATION CONTACT
RHODE ISLAND DEPARTMENT
OF ENVIRONMENTAL MANAGEMENT
55 WINDSOR STREET
PROVIDENCE, RI 02804
PHONE: (401) 421-1234

SPECIAL HANDLING INSTRUCTIONS INCLUDING ANY CONTAINER REQUIREMENT AND EMERGENCY RESPONSE INFORMATION

OW-674-044

OWD-078578

TRANSPORT
COMPLETES

RELEASER I CERTIFY THAT THE
PRINCIPAL TRANSPORTER AND I HAVE
ACCEPTED THE DESCRIBED WASTE
MATERIAL IN PRINCIPAL CONDITION FOR
TRANSPORT TO THE IDENTIFIED RECEIVER.

Michael C Zuffo

SIGNATURE OF TRANSPORTER

DATE SHIPMENT ACCEPTED

MONTH DAY YEAR

COMPANY NO. FOR TRAILER:
MARINE OR HAIL

DATE OF DELIVERY

MONTH DAY YEAR

RELEASER I CERTIFY THAT I AM THE
PRINCIPAL TRANSPORTER AND
HAVE ACCEPTED THE DESCRIBED
SHIPMENT IN PROPER CONDITION FOR
TRANSPORT TO THE IDENTIFIED RECEIVER.

1760

SIGNATURE OF TRANSPORTER

DATE SHIPMENT ACCEPTED

MONTH DAY YEAR

COMPANY NO. FOR TRAILER:
MARINE OR HAIL

DATE OF DELIVERY

MONTH DAY YEAR

INDICATE ANY DIFFERENCES BETWEEN MANIFEST AND SHIPMENT AND LIST REJECTED MATERIALS. INDICATE DISPOSITION OF REJECTED SHIPMENT

HANDLING METHOD

H.W.F.
COMPLETES

I CERTIFY THAT THE DESCRIBED WASTE(S) WAS DELIVERED BY THE AFOREMENTIONED DELIVERING TRANSPORTER AND THAT THE INFORMATION ON THIS

MANIFEST IS CORRECT TO THE BEST OF MY KNOWLEDGE

*J. Chapman*64 11 84
MONTH DAY YEAR

731

767

749

3. GENERATOR COMPLETE COPY

HAZARDOUS WASTE MANIFEST AND SHIPPING PAPER

RI 11652
MANIFEST NUMBER

674-043

NAME		MAILING ADDRESS			PHONE NUMBER		STATE EPA ID NO			
GENERATOR CARROLL PRODUCTS INC PRIMARY TRANSPORTER		RT. 91 WOOD RIVER JCT. R.I.			(401) 364-7731		R.I. D1002042216			
SEALAND CONTINUING TRANSPORTER		326 DERBY AVE. DERBY, CT.			(203) 735-1817		C.T. D980521280			
HAZARDOUS WASTE FACILITY DUPONT CHAMBERS WORKS		DEEPWATER, N.J.			(609) 299-2000		N.J. D0002385130			
GENERATOR CONTACT PERSON PHILIP FAHLMAN					DATE SHIPPED	MONTH DAY YEAR	EXPECTED ARRIVAL	MONTH DAY YEAR		
		U.S.DOT SHIPPING NAME	DOT HAZARD CLASS	UN NO	WT VOL	UNITS	UNIT CODE	CONTAINER NO	EPA WASTE NO	DESCRIPTION OR WASTE ANALYSIS IF WASTE IS N.O.S
WASTE CORROSIVE LIQUID N.O.S.		CORROSIVE MATERIAL	UN 1760	3300	GAL	a	1001	C T	D0102	pH-1.5
									Q007	5 ppm Chrome
										75% H2O
										10% Na2SO4
										7% NaCl
FOR INFORMATION CONTACT RHODE ISLAND DEPARTMENT OF ENVIRONMENTAL MANAGEMENT 75 DAVIS STREET PROVIDENCE, RI 02804 401-277-2400		SPECIAL HANDLING INSTRUCTIONS, INCORPORATE ANY CONTAINER REMOVAL AND EMERGENCY RESPONSE INFORMATION OW-674-043								
		OWD-078576 OWD-078577								
IN THE EVENT OF A SPILL NOTIFY THE STATE OF RHODE ISLAND'S COAST GUARD FACILITY OR										

RELEASER LABELLED YES NO	I CERTIFY THAT I AM THE PRIMARY TRANSPORTER AND HAVE RECEIVED THE IDENTIFIED SHIPMENT IN PROPER CONDITION FOR TRANSPORT TO THE IDENTIFIED HWI	SIGNATURE OF TRANSPORTER <i>michael C. Daff</i>	DATE SHIPMENT ACCEPTED MONTH DAY YEAR	COMPANY NO FOR TRAILER: MARINE OR RAIL	DATE OF DELIVERY MONTH DAY YEAR
			04 09 84	C T 84832	04 09 84

RELEASER REVIEWER #760	I CERTIFY THAT I AM THE CONTINUING TRANSPORTER AND HAVE RECEIVED THE IDENTIFIED SHIPMENT IN PROPER CONDITION AS THAN SENT BY THE IDENTIFIED HWI	SIGNATURE OF TRANSPORTER	DATE SHIPMENT ACCEPTED MONTH DAY YEAR	COMPANY NO FOR TRAILER: MARINE OR RAIL	DATE OF DELIVERY MONTH DAY YEAR

INDICATE ANY DIFFERENCES BETWEEN MANIFEST AND SHIPMENT AND LIST REJECTED MATERIALS. INDICATE DISPOSITION OF REJECTED SHIPMENT

HANDLING METHOD

731

T67

T49

I CERTIFY THAT THE DESCRIBED WASTE(S) WAS DELIVERED BY THE AGREEMENTED DELIVERING TRANSPORTER AND THAT THE INFORMATION ON THIS

MANIFEST IS CORRECT TO THE BEST OF MY KNOWLEDGE

Q. Thompson
SIGNATURE04 09 84
MONTH DAY YEAR

RI 11651
MANIFEST NUMBER

HAZARDOUS WASTE MANIFEST AND SHIPPING PAPER

674-042

RI 11651
MANIFEST NUMBER

NAME GENERATOR CARROLL PRODUCTS INC.		MAILING ADDRESS RT. 91 WOOD RIVER JCT. R.I.			PHONE NUMBER (401) 364-7731			STATE EPA ID NO RD D002042216			
PRIMARY TRANSPORTER SEALAND CONTINUING TRANSPORTER		326 DERBY AVE. DERBY, CT.			(203) 735-1817			CT D980521280			
HAZARDOUS WASTE FACILITY DUPONT CHAMBERS WORKS		DEEPWATER, N.J.			(609) 299-2000			NJ D0021851130			
GENERATOR CONTACT PERSON PHILIP FAHLMAN PLANT SUPT./ CHEMIST		DATE SHIPPED 4 15 84			MONTH DAY YEAR 4 15 84			EXPECTED ARRIVAL 4 15 84			
US DOT SHIPPING NAME CORROSIVE LIQUID WASTE N.O.S.		DOT HAZARD CLASS CORROSIVE LIQUID	UN N.A. NO 1760	WT VOL 4200	UNITS GAL	UNIT CODE G	CONTAINER NO 1	CONTAINER TYPE GT	EPA. WASTE NO D002	DESCRIPTION OR WASTE ANALYSIS IF WASTE IS N.O.S 75% H2O	
									D007	18% Na2SO4	
										7% NaCl	
										5 ppm Chrome	
										pH- 2.0	
FOR INFORMATION CONTACT: RHODE ISLAND DEPARTMENT OF ENVIRONMENTAL MANAGEMENT 71 JAMES STREET PROVIDENCE RI 02908 RI 277-2891 24 HOUR EMERGENCY		SPECIAL HANDLING INSTRUCTIONS INCLUDING ANY CONTAINER EXEMPTION AND EMERGENCY RESPONSE INFORMATION aw-674-042 awd-078575									
IN THE EVENT OF A SPILL CONTACT THE NATIONAL SPILL CENTER OR COAST GUARD 1-800-424-BR07											
TRANSPORTATION COMPLETES YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	THIS IS TO CERTIFY THAT I AM THE PRIMARY TRANSPORTER AND HAVE ACCEPTED THE DESCRIBED SHIPMENT IN PROPER CONDITION FOR TRANSPORT TO THE IDENTIFIED H.W.F	SIGNATURE OF TRANSPORTER Thomas Zinner			DATE SHIPMENT ACCEPTED MONTH DAY YEAR 04 05 84			COMPANY NO FOR TRAILER, MARINE OR RAIL 64855		DATE OF DELIVERY MONTH DAY YEAR 04 05 84	
TRANSPORTATION COMPLETES YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	THIS IS TO CERTIFY THAT I AM THE CONTINUING TRANSPORTER AND HAVE ACCEPTED THE DESCRIBED SHIPMENT IN PROPER CONDITION FOR TRANSPORT TO THE IDENTIFIED H.W.F 1760 Corrosive	SIGNATURE OF TRANSPORTER			DATE SHIPMENT ACCEPTED MONTH DAY YEAR			COMPANY NO FOR TRAILER, MARINE OR RAIL		DATE OF DELIVERY MONTH DAY YEAR	
INDICATE ANY DIFFERENCES BETWEEN MANIFEST AND SHIPMENT AND LIST REJECTED MATERIALS. INDICATE DISPOSITION OF REJECTED SHIPMENT											HANDLING METHOD
											1 T31
											2 T67
											3 T49
I CERTIFY THAT THE DESCRIBED WASTE(S) WAS DELIVERED BY THE AFOREMENTIONED DELIVERING TRANSPORTER AND THAT THE INFORMATION ON THIS MANIFEST IS CORRECT TO THE BEST OF MY KNOWLEDGE Lew R. Bancale Signature											MONTH DAY DATE 04 05 84

RI 11649

MANIFEST NUMBER

HAZARDOUS WASTE MANIFEST AND SHIPPING PAPER

GENERATOR COMPLETES

NAME GENERATOR CARROLL PRODUCTS INC.	MAILING ADDRESS PRIMARY TRANSPORTER SEALAND CONTINUING TRANSPORTER	PHONE NUMBER (401) 364-7731	STATE EPA ID NO RI D002042216				
HAZARDOUS WASTE FACILITY S.R.S. OF NEW JERSEY INC. 1200 SYLVAN ST. LINDEN, N.J.	326 DERBY AVE. DERBY, CT.	DATE SHIPPED (201) 862-5000	EXPECTED ARRIVAL MONTH DAY YEAR 13 28 84				
GENERATOR CONTACT PERSON PHILIP FAHLMAN PLANT SUPT./CHEMIST	WT VOL UNITS UNIT CODE	CONTAINER NO TYPE	E.P.A. WASTE NO DESCRIPTION OR WASTE ANALYSIS IF WASTE IS N.O.S				
U.S. DOT SHIPPING NAME ORM-A N.O.S.	DOT HAZARD CLASS ORM-A	UN N.A. NO. NA 1693	WT VOL 480.0 GAL	UNITS Q	UNIT CODE 001 QT	CONTAINER NO 002	E.P.A. WASTE NO 20% METHYLENE CHLORIDE 80% MINERAL SPIRITS
3							
4							
5							
6							

SPECIAL HANDLING INSTRUCTIONS INCLUDING ANY CONTAINER EXEMPTION AND EMERGENCY RESPONSE INFORMATION

CODE - 7790-6095-FB

FOR INFORMATION CONTACT:
RHODE ISLAND DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
15 DAVIS STREET
PROVIDENCE, RI 02806
(401) 277-2797 (401) 277-2844

IN THE EVENT OF A SPILL, CONTACT THE NATIONAL RESPONSE CENTER'S LOCAL OFFICE (800-424-8802)

RECORDED LABELS YES NO	THIS IS TO CERTIFY THAT I AM THE PRIMARY TRANSPORTER AND HAVE ACCEPTED THE DESCRIBED SHIPMENT IN PROPER CONDITION FOR TRANSPORT TO THE IDENTIFIED HWF <i>Meredith Toffo</i> SIGNATURE OF TRANSPORTER	DATE SHIPMENT ACCEPTED MONTH DAY YEAR 03 28 84	STATE VEHICLE ID CT 84655	COMPANY NO FOR TRAILER, MARINE OR RAIL NS 8274AN	DATE OF DELIVERY MONTH DAY YEAR
PLACARDS REQ'D YES NO	THIS IS TO CERTIFY THAT I AM THE CONTINUING TRANSPORTER AND HAVE ACCEPTED THE DESCRIBED SHIPMENT IN PROPER CONDITION FOR TRANSPORT TO THE IDENTIFIED HWF <i>K93</i> SIGNATURE OF TRANSPORTER	DATE SHIPMENT ACCEPTED MONTH DAY YEAR	STATE VEHICLE ID	COMPANY NO FOR TRAILER, MARINE OR RAIL	DATE OF DELIVERY MONTH DAY YEAR

INDICATE ANY DIFFERENCES BETWEEN MANIFEST AND SHIPMENT AND LIST REJECTED MATERIALS. INDICATE DISPOSITION OF REJECTED SHIPMENT

HANDLING METHOD

I CERTIFY THAT THE DESCRIBED WASTE(S) WAS DELIVERED BY THE AFOREMENTIONED DELIVERING TRANSPORTER AND THAT THE INFORMATION ON THIS

MANIFEST IS CORRECT TO THE BEST OF MY KNOWLEDGE

SIGNATURE

MONTH DAY YEAR
03 28 84

1 <i>SDA</i>	4
2 <i>TD</i>	5
3	6

3. GENERATOR COMPLETE COPY

CARROLL

CARROLL PRODUCTS, INC.
PO BOX 66 · ROUTE 91
WOOD RIVER JUNCTION, RI 02894
TEL. 401 364-7731
TWX 710 387-7570
DIVISIONS:
MITCHELL CORPORATION & SCHUYLKILL CHEMICAL CO.
& TALB INDUSTRIES

October 2, 1984

Director Waste Management Division
U.S. Environmental Protection Agency
John F. Kennedy Federal Building
Room 1903
Boston, Mass. 02202

Att: Mr. William Walsh-Rogalski

Dear Mr. Walsh-Rogalski:

As regards your Administrative Compliance Order, RCRA Docket No. 84-1057, the following is to up-date your office on our compliance efforts:

- 1a. In compliance; the rust-salt mixture was removed on 24 September.
- b. In compliance
- 2a. In Compliance
- b. In Compliance
- c. In compliance
- d. In Compliance
- 3a. In Compliance
- b. In Compliance
- c. In Compliance
- d. In Compliance
- 4 In Compliance
- 5 In Compliance

Finally, all waste containers referred to in your inspection reports of April 3 and June 12, 1984 have now been removed from our site for proper disposal.

Very truly yours,

CARROLL PRODUCTS, INC.



Arthur F. Schwartz
Director of Chemical Operations

cc: R.I. Compliance Officer
Mr. Lawrence W. Bierlein
Mr. Barry Muller, R.I. DEM
Sandy Crystal, EPA-HQ
Barbara O'Toole
Tom Michel

CARROLL

CARROLL PRODUCTS, INC.
PO BOX 66 ROUTE 91
WOOD RIVER JUNCTION, RI 02894
TEL 401 364-7731
TWX 710 387-7570
DIVISIONS.
MITCHELL CORPORATION & SCHUYLKILL CHEMICAL CO
& TALB INDUSTRIES

September 21, 1984

RECEIVED SEP 21 1984

Director Waste Management Division
U.S. Environmental Protection Agency
John F. Kennedy Federal Building
Room 1903
Boston, Mass. 02202

Attn: Mr. William Wash-Rogalski

Dear Mr. Wash-Rogalski:

As promised in our letter of 12 September to your office,
the following is our up-dated report on our compliance
efforts:

- 1a Tanks #1,3 and 4 are empty (per our letter of 12 September)
Tank #2: arrangements are in process to remove the rust-salt mixture.
- b In compliance (per our letter of 12 September).
- 2a The revised contingency plan was mailed to EPA on 17 September.
b Copies of the plan were mailed to local authorities on 17 September.
- c The revised facility training program was mailed to EPA on 17 September.
- d The facility training program has been implemented with our first personnel meeting being held on 18 September (copy enclosed). Regular future meetings will be scheduled.
- 3a All hazardous waste material is now contained in secure containers.
b In compliance (per our letter of 12 September).

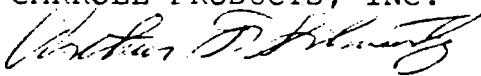
September 21, 1984

- c In compliance (per our letter of 12 September).
- d All hazardous drums are now stored in the new, fully diked building (Bldg. 1~~4~~).
- 4 All hazardous wastes have been identified and assigned stream numbers. We are now scheduling their removal from site.
- 5 The Diazo Bulking Tank was pumped out 13 September and has been decommissioned.

We will continue to furnish your office with an up-date of our compliance progress at regular intervals.

Very truly yours,

CARROLL PRODUCTS, INC.



Arthur F. Schwartz
Director of Chemical Operations

Enc: 1

cc: Rhode Island Compliance Officer
Mr. Lawrence W. Bierlein
Mr. Barry Muller, R.I. DEM
Sandy Crustal, EPA-HQ
Barbara O'Toole
Tom Michel



CARROLL PRODUCTS, INC.
PO BOX 66 ROUTE 91
WOOD RIVER JUNCTION, RI 02894
TEL 401 364-7731
TWX 710 387-7570
DIVISIONS
MITCHEL CORPORATION & SCHUYLERKILL CHEMICAL CO
& TAIB INDUSTRIES

EMPLOYEE MEETING SEPTEMBER 18, 1984

12:30 P.M. discussion via A.F. Schwartz

TOPIC: Contingency Plan, Hazardous Waste Management,
Personnel Training Plan

1. Contingency Plan - Philip Fahlman

- a. Copy given to each employee
- b. Review Contingency Plan

1. Applicable to release of raw material and waste
2. Implement plan if major release of material
3. Meeting places - primary - fire house in front of plant Secondary - fire house near boiler.

Comments: Joe Park - Sprinkler disconnected in Building #5.

Ronnie Earl - Set up meeting for demonstration of Scott Air-Pack, Vapor Masks, Fire-Water Systems

Rick Brooks - Should have routine evacuation drills.

Ronnie Earl - Check vapor masks, nose pieces, Air Packs, and fire extinguishers once a week.

2. Hazardous Waste Management - Tom Neimeyer

- a. Review labeling procedure for waste ester bags and waste oil
- b. Building #14 is hazardous waste area.
- c. All drums must be kept closed, labeled and dated.
- d. Clip board in Building #14 - Hazardous Waste labels and labeling procedure for each waste generated.

Comments: - Arthur Schwartz - partial drums
of ester bags should be
labeled, dated and moved to
building #14 - filled when
more bags are generated.

3. Personnel Training Plan - Philip Fahlman
 - a. Copy given to each employee
 - b. Plan reviewed
 - c. All chemicals to be stored in Bldg. #9
except Oxides, Allantoins and
chemicals being used.
4. Copy of last Employee Meeting given to each
employee.
5. New Product Hazards - Richard Brooks
 - a. Diazo Sulphate Negative Resist
 1. Concentrated Sulfuric Acid -
corrosive
 2. Carroll Conc - irritant
 3. Quenching sulfuric acid in IPA -
potential poisonous properties

CARROLL

CARROLL PRODUCTS, INC.
PO BOX 66 ROUTE 91
WOOD RIVER JUNCTION RI 02894
TEL 401 364-7731
TWX 710 387-7570
DIVISIONS
MITCHELL CORPORATION & SCHUYLKILL CHEMICAL CO
& TALB INDUSTRIES

Please initial your name if you were in attendance.

EMPLOYEES IN ATTENDANCE

Richard Brooks *(initials)*

Debra Olsen *DAC*

Philip Fahlman *P*

Tom Neimeyer *TN*

Arthur Schwartz *AS*

Paul Javorski *PJ*

Ronald Earl *RE*

Jimmy Earl *JE*

Sam Maggs *SM*

Bill Gullifa *BG*

Frank Andrews *FA*

Joe Parks *JP*

RECEIVED
CARROLL PRODUCTS, INC.
PO BOX 66 ROUTE 91
WOOD RIVER JUNCTION RI 02894
TEL. 401 264 7731
TWX 710 387-7570
DIVISIONS:
MITCHELL CORPORATION & SCHUYLER CHEMICAL CO.
& TALB INDUSTRIES

CARROLL

September 17, 1984

TO WHOM IT MAY CONCERN:

I have included with this letter copies of Carroll Product's Contingency Plan/Emergency Procedures and Personnel Training Plan for you to review.

The two plans have not been approved by the Rhode Island Department of Environmental Management at the present time. If you have any suggestions we would welcome them at this time.

Please include your suggestions and the title and name of the person in your organization we should communicate with in the return envelope supplied.

Thank you.

Cliff A. Fahlman
Philip A. Fahlman
Plant Supt./Chemist

PAF/ba
Enc: 3

CARROLL

CARROLL PRODUCTS, INC.
PO BOX 66 ROUTE 91
WOOD RIVER JUNCTION, RI 02894
TEL 401 364-7731
TWX 710 387-7570
DIVISIONS
MICHELL CORPORATION & SCHUYLKILL CHEMICAL CO
& TALB INDUSTRIES

CONTINGENCY PLAN/EMERGENCY PROCEDURES

Emergency Coordinator

Primary:

Philip Fahlman
Switch Road
Wood River Junction, R.I. 02894
364-9142 (home)
364-7731 (work)
Plant Superintendent/Chemist (B.S.)

1st Alternate:

Arthur F. Schwartz
65 Robin Hollow Lane
Westerly, R. I. 02891
322-1240 (home)
364-7731 (work)
Director, Chemical Operations/
Chemical Engineer (B.S.E.)

2nd Alternate:

Richard Brooks, Ph.D.
P.O. Box 89, North Road
Hopkinton, R. I. 02833
377-4010 (home)
364-7731 (work)
Laboratory Director/Ph.D., Biology

The Emergency Coordinators listed above will be available to respond at any time they are needed. All three Emergency Coordinators are intimately involved in production, supervision, management, etc., at Carroll Products, and have the authority necessary to commit manpower and equipment in the event of an emergency.

The Emergency Coordinators listed above will be responsible for maintaining and amending this contingency plan as outlined in 40CFR 265.53 and 265.4.

CARROLL

CARROLL PRODUCTS, INC.
PO BOX 66 ROUTE 91
WOOD RIVER JUNCTION RI 02894
TEL 401 364-7731
TWX 710 387-7570
DIVISIONS:
MITCHELL CORPORATION & SCHUYLKILL CHEMICAL CO.
& TALB INDUSTRIES

CONTINGENCY PLAN/EMERGENCY PROCEDURES

This contingency plan has been designed to reduce or eliminate any risk to human health or the environment at or surrounding Carroll Products, Inc. In the event that a fire, explosion, or release of hazardous material, substance or waste takes place, this plan will be implemented.

If a fire, explosion or release of hazardous material, substance or waste is imminent or should occur, immediately notify the Emergency Coordinator (E.C.) named on the cover of this plan.

The Emergency Coordinator will:

1. Notify all personell by means of bells (three bells repeated three times) until all personell are accounted for, or by means of the intercom.
2. Notify emergency help listed below if needed:
 - Alton Fire Department. 364-7233
 - Richmond Police Department 364-7064
 - State Police. 539.2323
 - Charlestown Ambulance. 364-7744
 - South County Hospital. 783-3361
 - Westerly Hospital. 596-4961
 - R.I.Dept. of Envinormalent
Management. 277-2234 (days)
277-2284 (nights)
 - Chief of Oil & Hazardous Substance
Spill Section. 617-223-7265
 - National Response Center : : : . 800-424-8802
- (See Appendix I for arrangements with the agencies listed above).
3. Identify the character, exact source, amount and extent of the emergency.
4. Assess the direct and indirect hazard to people involved in the emergency and to the environment.
5. If this assessment of hazard extends beyond the buildings and land owned by Carroll Products, Inc. notify the State Police for help in evacuating

areas affected and notify Chief of Oil and Hazardous Substance Spill Section or the National Response Center.

6. Direct personnel to take all resonable measures to contain and minimize the hazard.
7. Immediately afterwards, direct the clean-up of any hazardous material, substance or waste in accordance with parts 262, 263, and 265 of 40CFR.
8. Before operations are resumed the Emergency Coordinator must notify the Regional Administrator, state and local authorities that Carroll Products is in compliance with 40CFR 265.56 (h). He must also attach a note to this contingency plan with details as to time, date and nature of any incident and submit a written report to the Regional Administrator within 15 days, as outlined in 40CFR 265.56 (j).

Equipment and Services Available:

1. Telephone and Intercom - available in the main building (#4-#2) and the office (#1).
2. Fire Extinguishers - available in all buildings class Type ABC, CO₂ and H₂O.
3. Fire Sprinklers - in the main buildings (#2,4,5,7,9, & I7). Automatically operated and fed from 75,000 gallon water tower and 6" water line from the pump house on the river.
4. Fire houses - four five-sided red building surrounding the main structure, each containing two three inch nozzles w/hose, and one six-inch nozzle.
5. Absorbent - pallets available in the first floor area of building #4.
6. Pumps - 1½" gas powered pump (9000 GPH) available in the boiler room (#17).
- 1" electric Teal pump (24 GPM Free Flow) available in the boiler room (#17).
7. Tow motor, etc. - available in first floor areas and can be equipped with drum clamp or extended forks.
8. Drum trucks - through the buildings.

9. Willson Vapor masks (full face) - issued to personnel in each manufacturing area. Can be equipped with Organic Vapor or Ammonia Cartridges.
10. Scott Packs - 1 in main office.
1 in laboratory.
11. Gloves, aprons, etc. - available in laboratory office and throughout the manufacturing area.
12. Shovels and other tools - available in boiler room.

EVACUATION PLAN:

If evacuation becomes necessary, all personnel will be notified by means of one continuously ringing bell. In the event this signal is initiated everyone is to leave the main buildings by means of posted exits and assemble at the fire house by the main gate or if that route is blocked, assemble at the fire house by the southeast corner of the main building. After everyone is assembled and accounted for, begin evacuating through the main gate to cars across the street, or through the gate at the southeast corner of the fence and along the road to the fire pump house and from there to the main road and cars.

APPENDIX I

We have notified the local emergency authorities (number 1 through 6 listed below) that we are submitting to the DEM a Contingency Plan to cover emergency operations. A copy of the proposed Contingency Plan has been sent to each local emergency authority. Upon approval of the Contingency Plan we will meet with these authorities and review the Contingency Plan. These meetings will be documented by means of a written and signed record. Copies of letters from the local emergency authorities documenting their agreement or refusal to provide the requested assistance will be submitted to the DEM.

Upon approval and implementation of this plan, arrangements will be made with these agencies:

- | | | |
|----|---|----------|
| 1. | Alton Fire Department. | 364-7233 |
| 2. | Richmond Police Department | 364-7064 |
| 3. | State Police | 539-2323 |
| 4. | Charlestown Ambulance | 364-7744 |
| 5. | Westerly Hospital. | 596-4961 |
| 6. | South County Hospital. | 783-3361 |
| 7. | R.I. Dept. of Environmental Management
204 Cannon Building
75 Davis Street
Providence, R. I. 02908 | 277-2234 |
| 8. | Chief of Oil & hazardous Substance Spill Section
EPA, Region I
60 W. View Street
Lexington, Mass. 02173
24-hour telephone: (617) 223-7265 | |



CARROLL PRODUCTS, INC.
PO BOX 66 ROUTE 91
WOOD RIVER JUNCTION RI 02894
TEL 401 364-7731
TWX 710 387-7570
DIVISIONS:
MICHILL CORPORATION & SCHUYLKILL CHEMICAL CO
& TALB INDUSTRIES

Personnel Training Director
Philip A. Fahlman

PERSONNEL TRAINING PLAN

The purpose of this plan is to accomplish the following:

1. Inform our employees about the chemicals and the hazardous wastes that they are handling.
2. Educate our employees concerning the hazards involved.
3. Train our employees in safe handling and management procedures.
4. Train our employees in the proper operation and maintenance of:
 - a. Scott Air Pack
 - b. Full face cartridge masks
 - c. Full face mask and breathing air generator
 - d. Eye wash fountains and bottles
 - e. Fire extinguishers and fire water systems.
5. Train our employees on the need to utilize and when to wear:
 - a. Safety glasses
 - b. Safety goggles
 - c. Hard hats
 - d. Gloves, aprons, face shields, etc.
6. Train our employees in the proper response to emergency situations such as fires, spills, injured employees, etc.
7. Instruct our employees in the safe and proper methods of egress.

THE ITEMS DETAILED ABOVE WILL BE IMPLEMENTED AS FOLLOWS:

1. As required by Rhode Island law, a list of all Hazardous Substances used on this site will be posted in the R & D Laboratory, the items to be arranged alphabetically to their common and trade names and cross-referenced to their chemical names.
2. Copies of a Material Safety Data Sheet for each of the above items will be maintained in a file in the R & D Laboratory.
3. A copy of Sax "Dangerous Properties of Industrial Materials" will be made available to all employees.
4. At a series of meetings, our employees will be instructed in:
 - a. How to read a Material Safety Data Sheet as well as Sax.
 - b. Safe handling and management procedures for all chemicals and hazardous wastes.
 - c. How to handle and control any hazardous waste generated.
 - d. How to handle emergency situations; this will include a review of our Contingency Plan.
 - e. How to use and maintain safety equipment; this will be a "hands on" activity with each employee participating.
5. New employees will be exposed to this training during their probationary period.
6. Training of all employees will be updated as new chemicals are utilized.
7. Formal training sessions for all employees will be conducted annually and recorded in Appendix II.

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WOOD RIVER JUNCTION RI 02894
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& TALB INDUSTRIES

APPENDIX I

JOB TITLES AND DESCRIPTIONS

Director, Chemical Operations - Arthur F. Schwartz

- responsible for supervision of all plant management positions and communication with customers, Government Agencies, etc.
- must be knowledgeable about CFR regulations.
- must be aware of all aspects of Carroll Products, Inc.

Plant Superintendent - Philip Fahlman

- responsible for compliance with Government regulations, supervision of plant personnel and processes, and training of employees.
- must be trained in CFR regulations.
- must have a knowledge of properties and hazards of chemicals used at Carroll Products.
- must be able to communicate information.

Laboratory Director - Dr. Richard Brooks

- responsible for supervision of laboratory personnel and processes.
- must be trained in CFR regulations
- must have a knowledge of properties and hazards of chemicals used at Carroll Products.

-must be able to communicate information.

Chemical Operators - Ronald Earl, Samuel Faulise,
Samuel Maggs, Sr.

-responsible for operating reactors,
valves, etc., associated with chemical
processes.

-must have a knowledge of chemical
handling & management techniques.

-must be aware of chemical processes
they are working with from raw
materials to waste products.

Laboratory Personnel - Donna Olsen, Debbie Olsen,
Tom Neimeyer

-responsible for operating laboratory
equipment and handling of chemicals

-must have a knowledge of chemicals
they are handling from sampling to
disposal.

Maintenance Personnel - Joe Park

-responsible for operating boilers and
equipment relating to plant services

-must have a knowledge of chemical
process equipment.

Janitorial Personnel - Bill Gullifa

-responsible for general cleanliness
and trash removal

-must be able to differentiate chemical
waste from trash.

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MITCHELL CORPORATION & SCHUYLERFIELD CHEMICAL CO
& TALB INDUSTRIES

APPENDIX II PERSONNEL TRAINING RECORD (as of August 1983)

Arthur F. Schwartz - '44 B.S.E., Chemical Engineering,
University of Michigan

- extensive experience in the chemical industry.
- extensive experience with government regulations.

Philip A. Fahlman - '73 B.S. Chemistry, W.P.I.

- 14 years experience in the field of chemistry.
- yearly seminars dealing with government regulations.

Dr. Richard Brooks - .79 Ph.D. Biology, U.R.I.

- 19 years experience in the field of chemistry and biology.
- yearly seminars dealing with government regulations.

Donna Brown - '79 B.S. Animal Science U.R.I. with Chemistry minor.

- 7 years experience in the field of Chemistry.

Tom Neimeyer - '83 B.S. Chemistry, U.R.I.

- 5 years experience in the field of Chemistry.
- seminar dealing with Government regulations.

Debbie Olsen - '81 High School diploma.

- 1 year experience in the field of Chemistry.

CHEMICALS FOR PHARMACEUTICAL COSMETIC PHOTOGRAPHIC AND PLASTIC INDUSTRIES
ATLANTIC NATES POTASSIUM CHLORIDE USP DIAZO INTERMEDIATES AND DETERGENTS

Samuel Faulise - 13 years experience as a chemical operator.

Ronald Earl - 10 years experience as a chemical operator.

-10 years experience with Charlestown/Richmond
Volunteer Fire Department.

Samuel Maggs, Sr. - 1 year experience as a chemical operator.

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& TALE INDUSTRIES

Employee Meeting June 27, 1984

12:20 p.m. discussion via A. F. Schwartz

Topic: Safety

1. Bis azide - Dr. Richard Brooks - hazards
 - a. Sodium azide - sodium cyanide generation
 - b. Sodium nitrate - NO₂ generation
 - c. Precautions - wear protective gear, have adequate ventilation. Dizziness, nausea - low level exposure - seek adequate ventilation.

Comments: Ronald Earl - Fix scrubber

2. Housekeeping - A. F. Schwartz

- a. Warning - Layoff or termination if rules of housekeeping are not maintained.
- b. Daily checkout procedures are implemented.

Phil Fahlman - Each area has checklist.

1. Equipment off
2. Firedoors shut, windows, etc.
3. Leaks
4. Cleanup - Each person responsible for their area whether they make the mess or not.

Speakers - Mr. West, Paul Javorski & A. F. Schwartz

- C. EPA - Mr. West & A. F. Schwartz

1. Internal & external housekeeping
 2. Building 9 (Hazardous waste storage) over 90 days is illegal to store.
 3. Zero discharge
3. Acquisition - discussed
 4. Products - Discussed future of business.
 5. Shutdown - Week of July 9th

CHEMICALS FOR PHARMACEUTICAL, COSMETIC, PHOTOGRAPHIC AND PLASTIC INDUSTRIES
ALANTON-NATES POTASSIUM CHLORIDE USP DIAZO INTERMED ATES AND DETERGENTS

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Please initial your name if you were in attendance.

EMPLOYEES IN ATTENDANCE

Richard Brooks *RB*

Mac Richardson *DMR*

Debra Olsen *DO*

Donna Brown *DB*

Phillip Fahlman *PF*

Arthur Schwartz *AS*

Paul Javorski *PJ*

Ronald Earl *RE*

Sam Maggs *SM*

John Brian *JB*

Frank Andrews *FA*

Joe Parks *JP*

Sam Paulise *SP*

James Earl *JE*

Kunwar Chadha *KC*

Dave Pelcher *DP*

Walt Matteson *(resigned)*

Owners in attendance

Mr. West *MW*

CARROLL

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September 12, 1984

Director Waste Management Division
U.S. Environmental Protection Agency
John F. Kennedy Federal Building
Room 1903
Boston, Mass. 02203

Att: Ms. Lauren Stiller Rikleen

Dear Ms. Rikleen:

On September 5th we received your Administrative Compliance Order and Assessment of Penalties (RC RA Docket No.:84-1057). We have been working diligently for some time now in order to correct the deficiencies to which you refer. The purpose of this letter is to inform you of the status of our compliance efforts as of this date, responding to the "Orders" beginning on page 8:

- 1a The contents of the containers which prior to your Administrative Order had been sampled for testing have now all been identified.

Regarding the four storage tanks:

Tank #1 is empty.

Tank #2 is empty of liquid but contains approx. 200 lbs. of a rust-salt mixture.

Tank #3 is empty; the fire-fighting water which had been temporarily stored here has been removed under DEM supervision and the tank is now empty.

Tank #4 is empty

- b All containers of hazardous waste are properly labeled and dated.
- 2a A revised contingency plan is being sent to EPA under separate cover.
- b Also, a copy of this plan is being mailed to the local authorities.
- c A revised facility training program is being sent to EPA under separate cover.

September 12, 1984

- d The facility training program will be implemented be a meeting with our personnel, scheduled for September 18, 1984.
 - 3a Three drums of hazardous waste, which are not leaking, remain to be re-packaged. The re-packaging will definately be completed by your deadline - September 25, 1984. None of the hazardous waste containers on site are leaking.
 - b All hazardous waste containers are properly closed.
 - c All hazardous waste containers are stored in a manner to protect them from leaking.
 - d The metal plate near the entrance to the Quonset Hut storate area has been sealed with concrete. The hazardous waste drums are in the process of being removed from the Quonset Hut storate area into a new existing, fully diked building.
- 4 All hazardous wastes now in the facility storage area will be removed from the facility considerably before your 90 day limit.
 - 5 The Diazo Bulking Tank is scheduled to be pumped out September 13, 1984 and will then be decommissioned. Since the product which generated this Diazo waste stream is no longer manufactured at this site, the need bulking tank has been eliminated.

We will continue to furnish your office with updates of our compliance progress at regular intervals. Attorney Bierlein will be phoning you shortly.

Very truly yours,

CARROLL PRODUCTS, INC.

Arthur F. Schwartz /
Arthur F. Schwartz
Director of Chemical Operations

cc: Rhode Island Compliance Officer
Mr. Lawrence W. Bierlein
Mr. Barry Muller, R.I. DEM
Sandy Crystal, EPA-HQ
Barbara O'Toole
Tom Michel